

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

**Cartridge or Bag Filtration**

| Cartridge or Bag Filtration   |                   |                  |      |                            |                               | County:                                     | Marion                     |
|---|-------------------|------------------|------|----------------------------|-------------------------------|---|----------------------------|
|   |                   |                  |      |                            |                               | Month/Year:                                 | May 2023                   |
| System Name: Breitenbush Hot Springs  |                   |                  |      | ID#: 41 93461              | WTP ID: WTP-A                 |   |                            |
| 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   | n/a               | n/a              | n/a  | 15                         | n/a                           | n/a   |                            |
| 2   | n/a               | n/a              | n/a  | 15                         | n/a                           | n/a   |                            |
| 3   | 75                | 63               | 12   | 15                         | 0.023                         | 0.023                                       |                            |
| 4   | n/a               | n/a              | n/a  | 15                         | n/a                           | n/a   |                            |
| 5   | 79                | 64               | 15   | 15                         | 0.314                         | 0.314                                       |                            |
| 6   | 78                | 65               | 13   | 15                         | 0.123                         | 0.123                                       |                            |
| 7   | 77                | 63               | 14   | 15                         | 0.970                         | 0.970                                       |                            |
| 8   | 72                | 62               | 10   | 15                         | 0.067                         | 0.067                                       |                            |
| 9   | 76                | 63               | 13   | 15                         | 0.060                         | 0.060                                       |                            |
| 10  | 74                | 63               | 11   | 15                         | 0.061                         | 0.061                                       |                            |
| 11  | 72                | 62               | 10   | 15                         | 0.069                         | 0.069                                       |                            |
| 12  | 73                | 61               | 12   | 15                         | 0.093                         | 0.093                                       |                            |
| 13  | 73                | 62               | 11   | 15                         | 0.182                         | 0.182                                       |                            |
| 14  | n/a               | n/a              | n/a  | 15                         | n/a                           | n/a   |                            |
| 15  | n/a               | n/a              | n/a  | 15                         | n/a                           | n/a   |                            |
| 16  | n/a               | n/a              | n/a  | 15                         | n/a                           | n/a   |                            |
| 17  | 69                | 61               | 8    | 15                         | 0.387                         | 0.387                                       |                            |
| 18  | 71                | 61               | 10   | 15                         | 0.331                         | 0.331                                       |                            |
| 19  | 72                | 61               | 11   | 15                         | 0.337                         | 0.337                                       |                            |
| 20  | 76                | 63               | 13   | 15                         | 0.325                         | 0.325                                       |                            |
| 21  | 77                | 62               | 15   | 15                         | 0.263                         | 0.263                                       |                            |
| 22  | 77                | 63               | 14   | 15                         | 0.191                         | 0.191                                       |                            |
| 23  | 77                | 63               | 14   | 15                         | 0.202                         | 0.202                                       |                            |
| 24  | 76                | 62               | 14   | 15                         | 0.140                         | 0.140                                       |                            |
| 25  | 77                | 62               | 15   | 15                         | 0.097                         | 0.097                                       |                            |
| 26  | 78                | 63               | 15   | 15                         | 0.095                         | 0.095                                       |                            |
| 27  | 76                | 62               | 14   | 15                         | 0.073                         | 0.073                                       |                            |
| 28  | 76                | 62               | 14   | 15                         | 0.258                         | 0.258                                       |                            |
| 29  | 77                | 62               | 15   | 15                         | 0.088                         | 0.088                                       |                            |
| 30  | 77                | 62               | 15   | 15                         | 0.110                         | 0.110                                       |                            |
| 31  | 77                | 63               | 14   | 15                         | 0.081                         | 0.081                                       |                            |
| 95% of daily turbidity readings ≤ 1 NTU?  |                   |                  |      | Yes                        | CT's met everyday? (see back) | All Cl2 residual at entry point ≥ 0.2 mg/l? |                            |
| All daily turbidity readings ≤ 5 NTU?   |                   |                  |      | Yes                        | Yes                           | Yes   |                            |
| Notes: PSI = pounds per square inch   |                   |                  |      |                            | PRINTED NAME: Joe Hittner     |   |                            |
| PSID = pounds per square inch difference (before filter - after filter)   |                   |                  |      |                            | SIGNATURE:                    |   | DATE: 06/08/2023           |
| PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter   |                   |                  |      |                            | PHONE #: (503) 427-8034       |   | CERT #: D-340826<br>340826 |
| 1 Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in Daily Turbidity correspond to continuous readings' maximum. |                   |                  |      |                            |                               |   |                            |

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

| OHA - Drinking Water Services - Surface Water Quality Data Form |  |                  |               |                   |      |             | WTP ID:                                 | WTP-A                      |
|---|--|------------------|---------------|-------------------|------|-------------|---|----------------------------|
| System Name:  | Breitenbush Hot Springs                        |                  | ID#: 41 93461 | Month/Year: 05/23 |      |             | Disinfection<br>Giardia Log<br>Inactiv: | 1                          |
| Date / Time   | Minimum Cl2<br>Residual at 1st User<br>( C ) 2 | Contact Time (T) | Actual CT     | Temp              | pH   | Required CT | CT Met? 2                               | Peak Hourly<br>Demand Flow |
|   | [ppm or mg/L]                                  | [minutes]        | C X T         | [° C]             |      | formula     | Yes / No                                | [GPM]                      |
| 1   | 0.41   | 170              | 69.7          | 10.2              | 7.85 | 48.11756844 | YES                                     | Unknown                    |
| 2   | 0.39   | 170              | 66.3          | 9.6               | 7.85 | 50.00483951 | YES                                     | Unknown                    |
| 3   | 0.52   | 170              | 88.4          | 10.3              | 7.7  | 45.86453543 | YES                                     | Unknown                    |
| 4   | 0.39   | 170              | 66.3          | 10.7              | 7.86 | 46.60369254 | YES                                     | Unknown                    |
| 5   | 0.37   | 170              | 62.9          | 10.6              | 7.8  | 45.85921684 | YES                                     | Unknown                    |
| 6   | 0.52   | 170              | 88.4          | 10.4              | 7.76 | 46.50331111 | YES                                     | Unknown                    |
| 7   | 0.41   | 170              | 69.7          | 10.0              | 7.57 | 44.07100103 | YES                                     | Unknown                    |
| 8   | 0.37   | 170              | 62.9          | 10.8              | 7.84 | 45.83166355 | YES                                     | Unknown                    |
| 9   | 0.33   | 170              | 56.1          | 10.6              | 7.87 | 46.79481451 | YES                                     | Unknown                    |
| 10  | 0.35   | 170              | 59.5          | 10.7              | 7.89 | 46.88721542 | YES                                     | Unknown                    |
| 11  | 0.36   | 170              | 61.2          | 10.3              | 7.83 | 47.1567052  | YES                                     | Unknown                    |
| 12  | 0.34   | 170              | 57.8          | 10.8              | 7.8  | 45.03619713 | YES                                     | Unknown                    |
| 13  | 0.32   | 170              | 54.4          | 10.4              | 7.7  | 44.50880719 | YES                                     | Unknown                    |
| 14  | 0.3  | 170              | 51            | 11.0              | 7.79 | 44.02442381 | YES                                     | Unknown                    |
| 15  | 0.34   | 170              | 57.8          | 10.5              | 7.81 | 46.03420731 | YES                                     | Unknown                    |
| 16  | 0.44   | 170              | 74.8          | 10.5              | 7.82 | 46.72488989 | YES                                     | Unknown                    |
| 17  | 0.51   | 170              | 86.7          | 11.9              | 7.83 | 43.11671483 | YES                                     | Unknown                    |
| 18  | 0.42   | 170              | 71.4          | 11.8              | 7.72 | 41.3714499  | YES                                     | Unknown                    |
| 19  | 0.38   | 170              | 64.6          | 12.3              | 7.77 | 40.5616211  | YES                                     | Unknown                    |
| 20  | 0.31   | 170              | 52.7          | 12.8              | 7.8  | 39.25975786 | YES                                     | Unknown                    |
| 21  | 0.33   | 170              | 56.1          | 13.1              | 7.71 | 37.36911503 | YES                                     | Unknown                    |
| 22  | 0.31   | 170              | 52.7          | 13.6              | 7.72 | 36.19945758 | YES                                     | Unknown                    |
| 23  | 0.36   | 170              | 61.2          | 12.8              | 7.82 | 39.77480971 | YES                                     | Unknown                    |
| 24  | 0.39   | 170              | 66.3          | 13.0              | 7.62 | 36.53003551 | YES                                     | Unknown                    |
| 25  | 0.33   | 170              | 56.1          | 13.0              | 7.66 | 36.82172258 | YES                                     | Unknown                    |
| 26  | 0.45   | 170              | 76.5          | 13.3              | 7.7  | 37.18875596 | YES                                     | Unknown                    |
| 27  | 0.45   | 170              | 76.5          | 13.4              | 7.71 | 37.05172119 | YES                                     | Unknown                    |
| 28  | 0.48   | 170              | 81.6          | 12.8              | 7.75 | 39.29263364 | YES                                     | Unknown                    |
| 29  | 0.47   | 170              | 79.9          | 13.2              | 7.73 | 37.96706366 | YES                                     | Unknown                    |
| 30  | 0.49   | 170              | 83.3          | 12.6              | 7.7  | 39.19266455 | YES                                     | Unknown                    |
| 31  | 0.43   | 170              | 73.1          | 13.3              | 7.79 | 38.3567551  | YES                                     | Unknown                    |

2 If Cl2 at entry point &lt; 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised July 2018

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