

**OHA - Drinking Water Services - Surface Water Quality Data Form**  
**Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems**

County: **Baker**  
 Month/Year: **Apr-23**

System Name: **Baker City** ID#: **41 00073** WTP : **TP - A**

| Day | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the day <sup>1</sup> [NTU] |
|-----|-------------|------------|------------|------------|------------|------------|---|
| 1   | 1.99        | 0.31       | 0.25       | 0.31       | 0.38       | 0.28       | 0.38  |
| 2   | 0.31        | 0.31       | 0.28       | 0.31       | 0.31       | 0.35       | 0.38  |
| 3   | 0.31        | 0.25       | 0.25       | 0.28       | 0.31       | 0.35       | 0.35  |
| 4   | 0.28        | 0.31       | 0.35       | 0.28       | 0.28       | 0.21       | 0.35  |
| 5   | 0.28        | 0.31       | 0.35       | 0.25       | 0.31       | 0.28       | 0.35  |
| 6   | 0.35        | 0.31       | 0.28       | 0.28       | 0.25       | 0.38       | 0.38  |
| 7   | 0.31        | 0.31       | 0.31       | 0.28       | 0.28       | 0.31       | 0.38  |
| 8   | 0.25        | 0.31       | 0.35       | 0.35       | 0.28       | 0.28       | 0.38  |
| 9   | 0.28        | 0.31       | 0.31       | 0.35       | 0.28       | 0.42       | 0.58  |
| 10  | 0.52        | 0.52       | 0.48       | 0.52       | 0.65       | 2.03       | 2.06  |
| 11  | 0.28        | 0.21       | 0.28       | 0.28       | 0.25       | 1.15       | 3.41  |
| 12  | 1.06        | 0.92       | 0.88       | 0.85       | 0.82       | 0.68       | 1.12  |
| 13  | 0.62        | 0.55       | 0.55       | 0.45       | 0.45       | 0.42       | 0.72  |
| 14  | 0.48        | 0.45       | 0.38       | 0.35       | 0.35       | 0.35       | 0.48  |
| 15  | 0.31        | 0.31       | 0.35       | 0.28       | 0.31       | 0.28       | 0.42  |
| 16  | 0.31        | 0.31       | 0.31       | 0.28       | 0.28       | 0.31       | 0.38  |
| 17  | 0.35        | 0.38       | 0.35       | 0.35       | 0.35       | 0.28       | 0.45  |
| 18  | 0.31        | 0.38       | 0.31       | 0.31       | 0.28       | 0.28       | 0.38  |
| 19  | 0.31        | 0.25       | 0.25       | 0.31       | 0.28       | 0.28       | 0.35  |
| 20  | 0.28        | 0.25       | 0.25       | 0.35       | 0.25       | 0.25       | 0.35  |
| 21  | 0.21        | 0.28       | 0.25       | 0.25       | 0.28       | 0.25       | 0.35  |
| 22  | 0.31        | 0.25       | 0.25       | 0.28       | 0.21       | 0.25       | 0.31  |
| 23  | 0.31        | 0.31       | 0.21       | 0.25       | 0.38       | 0.31       | 0.38  |
| 24  | 0.31        | 0.28       | 0.31       | 0.28       | 0.35       | 0.31       | 0.38  |
| 25  | 0.38        | 0.31       | 0.31       | 0.31       | 0.35       | 0.28       | 0.38  |
| 26  | 0.35        | 0.42       | 0.45       | 0.38       | 0.38       | 0.45       | 0.58  |
| 27  | 0.55        | 0.58       | 0.52       | 0.48       | 0.52       | 0.55       | 0.75  |
| 28  | 0.75        | 0.88       | 0.75       | 0.65       | 0.65       | 0.82       | 0.95  |
| 29  | 0.85        | 0.88       | 0.72       | 0.68       | 0.58       | 0.88       | 1.36  |
| 30  | 1.39        | 1.26       | 1.02       | 0.95       | 0.88       | 1.26       | 2.03  |
| 31  |             |            |            |            |            |            |   |

| Unfiltered  | Monthly Summary (Answer Yes or No)              |  |
|---|---|--|
| 95% of daily turbidity readings $\leq$ 1 NTU? <sup>2</sup> <b>N/A</b> | CT's met everyday? (see Page 2) <b>Yes / No</b> | All Cl <sub>2</sub> residual at entry point $\geq$ 0.2 mg/l? <b>Yes / No</b> |
| All daily turbidity readings $\leq$ 5 NTU? <b>Yes / No</b>            |   |  |

|        |                                     |                        |
|--------|-------------------------------------|------------------------|
| Notes: | PRINTED NAME: <b>Dennis Bachman</b> |                        |
|        | SIGNATURE: <i>Dennis Bachman</i>    | DATE: <b>5/8/23</b>    |
|        | PHONE #: <b>(541) 523-7349</b>      | CERT #: <b>T-08465</b> |

<sup>1</sup> Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. <sup>2</sup> Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- A

System Name: Baker City ID#: 41 00073 Month/Year: Apr-23 Disinfection *Giardia* Log Inactivation: 3.0

| Date / Time | Min Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup> | Contact Time Achieved (T) | Actual CT | Temp  | pH  | Required CT | CT Met? <sup>3</sup> | Peak Hourly Demand Flow |
|-------------|---|---------------------------|-----------|-------|-----|-------------|----------------------|-------------------------|
|             | [mg/L]  | [minutes]                 | C X T     | [° C] |     | formula     | Yes / No             | [GPM]                   |
| 1           | 1.67  | 1387.9                    | 2317.7    | 3.4   | 7.5 | 233.1       | YES                  | 2029                    |
| 2           | 1.67  | 1885.2                    | 3148.3    | 3.4   | 7.5 | 233.1       | YES                  | 1601                    |
| 3           | 1.67  | 2465.6                    | 4117.5    | 3.4   | 7.5 | 233.1       | YES                  | 1445                    |
| 4           | 1.67  | 2047.8                    | 3419.9    | 3.3   | 7.5 | 234.7       | YES                  | 1679                    |
| 5           | 1.69  | 1839.3                    | 3108.3    | 3.2   | 7.3 | 220.1       | YES                  | 1641                    |
| 6           | 1.69  | 1748.9                    | 2955.7    | 3.2   | 7.5 | 236.9       | YES                  | 1619                    |
| 7           | 1.70  | 1496.9                    | 2544.7    | 3.2   | 7.5 | 237.2       | YES                  | 1954                    |
| 8           | 1.69  | 1596.7                    | 2698.5    | 3.3   | 7.5 | 235.3       | YES                  | 1900                    |
| 9           | 1.67  | 3532.1                    | 5898.7    | 3.4   | 7.2 | 208.8       | YES                  | 947                     |
| 10          | 1.64  | 1695.6                    | 2780.9    | 3.5   | 7.5 | 230.7       | YES                  | 2147                    |
| 11          | 1.54  | 2219.5                    | 3418.0    | 3.7   | 7.5 | 224.8       | YES                  | 1451                    |
| 12          | 1.45  | 2092.9                    | 3034.6    | 3.8   | 7.5 | 221.0       | YES                  | 1628                    |
| 13          | 1.56  | 2086.1                    | 3254.3    | 3.8   | 7.4 | 215.8       | YES                  | 1775                    |
| 14          | 1.54  | 2150.2                    | 3311.3    | 3.7   | 7.4 | 216.8       | YES                  | 1628                    |
| 15          | 1.52  | 1951.8                    | 2966.7    | 3.7   | 7.3 | 208.5       | YES                  | 1650                    |
| 16          | 1.70  | 1633.2                    | 2776.5    | 3.7   | 7.3 | 212.9       | YES                  | 1848                    |
| 17          | 1.82  | 1804.6                    | 3284.4    | 3.7   | 7.3 | 216.0       | YES                  | 1638                    |
| 18          | 1.75  | 2021.0                    | 3536.8    | 3.7   | 7.3 | 214.2       | YES                  | 1478                    |
| 19          | 1.67  | 1540.4                    | 2572.4    | 3.8   | 7.3 | 210.7       | YES                  | 1818                    |
| 20          | 1.61  | 2203.5                    | 3547.7    | 3.8   | 7.0 | 187.6       | YES                  | 1285                    |
| 21          | 1.43  | 2305.3                    | 3296.6    | 3.7   | 7.3 | 206.3       | YES                  | 1289                    |
| 22          | 1.41  | 3743.5                    | 5278.3    | 3.7   | 7.4 | 213.5       | YES                  | 906                     |
| 23          | 1.43  | 2003.9                    | 2865.5    | 3.8   | 7.4 | 212.5       | YES                  | 1809                    |
| 24          | 1.50  | 1924.1                    | 2886.1    | 3.9   | 7.1 | 190.8       | YES                  | 1787                    |
| 25          | 1.52  | 2096.7                    | 3187.0    | 4.0   | 7.3 | 204.2       | YES                  | 1625                    |
| 26          | 1.51  | 2035.3                    | 3073.3    | 4.1   | 7.1 | 188.4       | YES                  | 1804                    |
| 27          | 1.44  | 1965.1                    | 2829.8    | 4.2   | 7.1 | 185.6       | YES                  | 1813                    |
| 28          | 1.41  | 2011.4                    | 2836.1    | 4.2   | 7.3 | 198.9       | YES                  | 1779                    |
| 29          | 1.37  | 2134.3                    | 2924.0    | 4.3   | 7.3 | 196.6       | YES                  | 1662                    |
| 30          | 1.19  | 1474.2                    | 1754.3    | 4.5   | 7.3 | 189.9       | YES                  | 2269                    |
| 31          |   |                           |           |       |     |             |                      |                         |

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised July 2016

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

**System Name: Baker City, PWS ID#: 4100073**

**Month/Year: Apr-23**

Minimum UVT [%] during month: 98      Duty sensor variation from reference sensor: 0.958 %

Minimum Validated UVT: 48%

| Date  | Peak Hourly Demand Flow | Minimum Intensity                  | All Lamps On? | Daily Water Produced {A} | Water Outside Validated Conditions {B} | Cumulative Daily % Off-Spec Water Produced  |
|---|-------------------------|------------------------------------|---------------|--------------------------|--|---|
|   | [gpm/unit]              | [ <sup>mW</sup> /cm <sup>2</sup> ] | [ Y or N ]    | [ mgd ]                  | [mgd]                                  | (Daily Sum {B}) ÷ (Daily Sum {A}) * 100 [%] |
| 1   | 2029                    | 41                                 | y             | 1.523                    |  | -   |
| 2   | 1601                    | 41                                 | y             | 1.107                    |  | -   |
| 3   | 1445                    | 47                                 | y             | 1.391                    |  | -   |
| 4   | 1679                    | 40                                 | y             | 2.178                    |  | -   |
| 5   | 1641                    | 41                                 | y             | 2.186                    | 0.001                                  | 0.05  |
| 6   | 1619                    | 42                                 | y             | 1.828                    |  | -   |
| 7   | 1954                    | 34                                 | y             | 1.552                    |  | -   |
| 8   | 1900                    | 35                                 | y             | 1.437                    |  | -   |
| 9   | 947                     | 105                                | y             | 1.09                     |  | -   |
| 10  | 2147                    | 31                                 | y             | 1.936                    |  | -   |
| 11  | 1451                    | 74                                 | y             | 1.141                    |  | -   |
| 12  | 1628                    | 60                                 | y             | 1.665                    |  | -   |
| 13  | 1775                    | 55                                 | y             | 2.268                    |  | -   |
| 14  | 1628                    | 60                                 | y             | 2.249                    |  | -   |
| 15  | 1650                    | 61                                 | y             | 2.249                    |  | -   |
| 16  | 1848                    | 66                                 | y             | 2.16                     |  | -   |
| 17  | 1638                    | 45                                 | y             | 2.071                    |  | -   |
| 18  | 1478                    | 50                                 | y             | 2                        |  | -   |
| 19  | 1818                    | 40                                 | y             | 2.15                     |  | -   |
| 20  | 1285                    | 58                                 | y             | 1.678                    |  | -   |
| 21  | 1289                    | 59                                 | y             | 1.345                    |  | -   |
| 22  | 906                     | 110                                | y             | 1.053                    |  | -   |
| 23  | 1809                    | 87                                 | y             | 1.811                    |  | -   |
| 24  | 1787                    | 62                                 | y             | 2.199                    |  | -   |
| 25  | 1625                    | 67                                 | y             | 1.642                    |  | -   |
| 26  | 1804                    | 59                                 | y             | 1.969                    |  | -   |
| 27  | 1813                    | 57                                 | y             | 2.299                    |  | -   |
| 28  | 1779                    | 57                                 | y             | 2.313                    |  | -   |
| 29  | 1662                    | 60                                 | y             | 1.784                    |  | -   |
| 30  | 2269                    | 89                                 | y             | 2.313                    |  | -   |
| 31  |                         |                                    |               |                          |  | #DIV/0!                                     |
| Monthly Total Column {A} and Column {B}   |                         |                                    |               | 54.587                   | 0.001                                  |   |
| Monthly Cumulative % Off-Spec Water Produced (Mo. Sum {B})÷(Mo. Sum {A})*100[%] |                         |                                    |               |                          |  | 0.0018                                      |

Signature: *Dennis Bachman*

Op Cert #: T-08465

Date: 5/8/23

**Raw Water E. Coli Data**

**System Name:** Baker City

**ID#:** 4100073

**Month/Year:** \_\_\_\_\_

**Apr-23**

| <b>Date/Time</b> | <b>Total E. Coli</b> | <b>Fecal Coliform</b> | <b>Comments</b> |
|------------------|----------------------|-----------------------|-----------------|
| 1/               |                      |                       |                 |
| 2/               |                      |                       |                 |
| 3/ 09:10         |                      | 4                     |                 |
| 4/ 09:10         |                      | 4.5                   |                 |
| 5/ 09:30         |                      | ND                    |                 |
| 6/               |                      |                       |                 |
| 7/               |                      |                       |                 |
| 8/               |                      |                       |                 |
| 9/               |                      |                       |                 |
| 10/ 09:15        |                      | ND                    |                 |
| 11/ 09:10        |                      | ND                    |                 |
| 12/ 09:00        |                      | 23                    |                 |
| 13/              |                      |                       |                 |
| 14/              |                      |                       |                 |
| 15/              |                      |                       |                 |
| 16/              |                      |                       |                 |
| 17/ 09:25        |                      | ND                    |                 |
| 18/ 09:15        |                      | 2                     |                 |
| 19/ 09:00        |                      | 2                     |                 |
| 20/              |                      |                       |                 |
| 21/              |                      |                       |                 |
| 22/              |                      |                       |                 |
| 23/              |                      |                       |                 |
| 24/ 09:05        |                      | 2                     |                 |
| 25/ 09:15        |                      | 2                     |                 |
| 26/ 09:10        |                      | 2                     |                 |
| 27/              |                      |                       |                 |
| 28/              |                      |                       |                 |
| 29/              |                      |                       |                 |
| 30/              |                      |                       |                 |
| 31/              |                      |                       |                 |