

**OHA - Drinking Water Services -Turbidity Monitoring Report Form**  
**Conventional or Direct Filtration**

County: **Columbia**  
 Month/Year: **Sep-21**

**System Name:** **Berndt Creek Water Corp**      **#OR4105737**      **WTP : TP -**

| 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   | 0.02        | 0.03       | 0.03       | 0.03       | 0.03       | 0.03       | 0.05  |
| 2   | 0.02        | 0.02       | 0.03       | 0.02       | 0.03       | 0.03       | 0.03  |
| 3   | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.02       | 0.03  |
| 4   | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.02       | 0.03  |
| 5   | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.02       | 0.03  |
| 6   | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.02       | 0.06  |
| 7   | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.02       | 0.03  |
| 8   | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.02       | 0.03  |
| 9   | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.02       | 0.03  |
| 10  | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.02       | 0.03  |
| 11  | 0.02        | 0.02       | 0.02       | 0.02       | 0.03       | 0.03       | 0.03  |
| 12  | 0.03        | 0.03       | 0.03       | 0.03       | 0.03       | 0.03       | 0.04  |
| 13  | 0.04        | 0.04       | 0.04       | 0.04       | 0.04       | 0.04       | 0.05  |
| 14  | 0.04        | 0.04       | 0.04       | 0.04       | 0.04       | 0.04       | 0.06  |
| 15  | 0.04        | 0.04       | 0.04       | 0.04       | 0.04       | 0.04       | 0.06  |
| 16  | 0.04        | 0.04       | 0.03       | 0.03       | 0.03       | 0.03       | 0.05  |
| 17  | 0.03        | 0.03       | 0.03       | 0.03       | 0.03       | 0.03       | 0.04  |
| 18  | 0.03        | 0.03       | 0.03       | 0.04       | 0.05       | 0.05       | 0.07  |
| 19  | 0.07        | 0.07       | 0.08       | Plant Off  | 0.10       | 0.10       | 0.30  |
| 20  | 0.26        | Plant Off  | Plant Off  | 0.16       | 0.13       | 0.13       | 0.27  |
| 21  | 0.12        | 0.09       | 0.13       | 0.14       | 0.09       | 0.09       | 0.27  |
| 22  | 0.26        | 0.24       | 0.22       | 0.22       | 0.24       | 0.24       | 0.26  |
| 23  | 0.10        | 0.13       | Plant Off  | 0.27       | 0.24       | 0.24       | 0.30  |
| 24  | 0.13        | 0.09       | 0.10       | 0.25       | 0.27       | 0.27       | 0.29  |
| 25  | Plant Off   | 0.29       | 0.28       | 0.27       | 0.26       | 0.26       | 0.30  |
| 26  | 0.28        | 0.27       | 0.24       | Plant Off  | Plant Off  | Plant Off  | 0.29  |
| 27  | 0.07        | 0.04       | 0.12       | 0.03       | 0.03       | 0.03       | 0.13  |
| 28  | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.02       | 0.03  |
| 29  | 0.02        | 0.02       | 0.02       | 0.03       | 0.02       | 0.02       | 0.05  |
| 30  | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.02       | 0.05  |
| 31  | 0.03        | 0.03       | 0.03       | 0.03       | 0.03       | 0.03       | 0.03  |

| Conventional or Direct Filtration                  |            |  | Monthly Summary (Answer Yes or No) |  |
|--|------------|--|------------------------------------|--|
| 95% of 4-hour turbidity readings ≤ 0.3 NTU?        | <b>Yes</b> |  | CT's met everyday?<br>(see back)   | All Cl2 residual at entry point<br>≥ 0.2 mg/l? |
| All 4-hour turbidity readings ≤ 1 NTU?             | <b>Yes</b> |  | <b>Yes</b>                         | <b>Yes</b>                                     |
| All turbidity readings < IFE <sup>2</sup> triggers | <b>Yes</b> |  |                                    |  |

**Notes:** Fax 971-673-0694 DWP.DMCE@state.or.us

**PRINTED NAME:** Joshua Allman

**SIGNATURE:** *Joshua Allman*      **DATE:** 10/5/21

**PHONE #:** 503-367-7397      **CERT #:**

<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> IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP -:

System Name: Berndt Creek Water Corp #OR4105737

Month/Year: Sept 2021

Disinfection Giardia Log Inactiv:

1

| Date / Time | Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup> | Contact Time (T) | Actual CT | Temp  | pH  | Required CT | CT Met? <sup>3</sup> | Peak Hourly Demand Flow |
|-------------|---|------------------|-----------|-------|-----|-------------|----------------------|-------------------------|
|             | [ppm or mg/L]   | [minutes]        | C X T     | [° C] |     | formula     | Yes / No             | [GPM]                   |
| 1           | 0.9   | 126              | 113       | 16.5  | 7.0 | 25          | yes                  | 123                     |
| 2           | 0.9   | 126              | 113       | 16.3  | 7.2 | 30          | yes                  | 87                      |
| 3           | 1.0   | 126              | 126       | 15.9  | 7.2 | 30          | yes                  | 80                      |
| 4           | 1.0   | 126              | 126       | 15.7  | 7.0 | 25          | yes                  | 192                     |
| 5           | 1.1   | 126              | 139       | 15.8  | 7.0 | 25          | yes                  | 160                     |
| 6           | 0.9   | 126              | 113       | 16.4  | 7.0 | 30          | yes                  | 93                      |
| 7           | 0.9   | 126              | 113       | 16.6  | 7.1 | 30          | yes                  | 70                      |
| 8           | 1.0   | 126              | 126       | 16.9  | 7.2 | 30          | yes                  | 110                     |
| 9           | 0.9   | 126              | 113       | 17.1  | 7.1 | 30          | yes                  | 90                      |
| 10          | 0.9   | 126              | 113       | 17.3  | 7.1 | 30          | yes                  | 113                     |
| 11          | 0.9   | 126              | 113       | 17.3  | 7.1 | 30          | yes                  | 108                     |
| 12          | 1.0   | 126              | 126       | 17.0  | 7.2 | 30          | yes                  | 102                     |
| 13          | 1.0   | 126              | 126       | 16.7  | 7.2 | 30          | yes                  | 114                     |
| 14          | 0.9   | 126              | 113       | 16.3  | 7.3 | 30          | yes                  | 91                      |
| 15          | 0.9   | 126              | 113       | 16.2  | 7.4 | 30          | yes                  | 97                      |
| 16          | 0.6   | 126              | 76        | 16.3  | 7.7 | 29          | yes                  | 94                      |
| 17          | 0.9   | 126              | 113       | 16.3  | 7.4 | 30          | yes                  | 98                      |
| 18          | 0.9   | 126              | 113       | 16.2  | 7.4 | 30          | yes                  | 128                     |
| 19          | 0.9   | 126              | 113       | 15.4  | 7.3 | 30          | yes                  | 63                      |
| 20          | 0.5   | 126              | 63        | 14.2  | 7.3 | 43          | yes                  | 83                      |
| 21          | 0.5   | 126              | 63        | 14.4  | 7.0 | 36          | yes                  | 88                      |
| 22          | 0.9   | 126              | 113       | 14.5  | 6.9 | 37          | yes                  | 72                      |
| 23          | 0.9   | 126              | 113       | 14.6  | 7.0 | 37          | yes                  | 76                      |
| 24          | 1.0   | 126              | 126       | 14.6  | 7.0 | 37          | yes                  | 88                      |
| 25          | 1.0   | 126              | 126       | 15.0  | 7.0 | 25          | yes                  | 130                     |
| 26          | 1.0   | 126              | 126       | 15.2  | 6.8 | 25          | yes                  | 142                     |
| 27          | 0.9   | 126              | 113       | 15.1  | 7.0 | 25          | yes                  | 91                      |
| 28          | 1.0   | 126              | 126       | 14.2  | 6.9 | 37          | yes                  | 104                     |
| 29          | 0.8   | 126              | 101       | 14.5  | 6.9 | 37          | yes                  | 63                      |
| 30          | 0.8   | 126              | 101       | 14.1  | 7.0 | 37          | yes                  | 89                      |

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