

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Marion

Cartridge or Bag Filtration

Month/Year: Dec 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 | 66 | 62 | 4 | 15 | 0.139 | 0.139 |
| 2 | | | 0 | 15 | | |
| 3 | | | 0 | 15 | | |
| 4 | | | 0 | 15 | | |
| 5 | | | 0 | 15 | | |
| 6 | | | 0 | 15 | | |
| 7 | | | 0 | 15 | | |
| 8 | 64 | 61 | 3 | 15 | 0.470 | 0.470 |
| 9 | 64 | 60 | 4 | 15 | 0.328 | 0.328 |
| 10 | 66 | 62 | 4 | 15 | 0.488 | 0.488 |
| 11 | | | 0 | 15 | | |
| 12 | 66 | 63 | 3 | 15 | 0.491 | 0.491 |
| 13 | 65 | 62 | 3 | 15 | 0.356 | 0.356 |
| 14 | 64 | 61 | 3 | 15 | 0.172 | 0.172 |
| 15 | 65 | 61 | 4 | 15 | 0.126 | 0.126 |
| 16 | 66 | 62 | 4 | 15 | 0.100 | 0.100 |
| 17 | 64 | 61 | 3 | 15 | 0.098 | 0.098 |
| 18 | 65 | 62 | 3 | 15 | 0.080 | 0.080 |
| 19 | 64 | 61 | 3 | 15 | 0.092 | 0.092 |
| 20 | | | 0 | 15 | | |
| 21 | | | 0 | 15 | | |
| 22 | 66 | 62 | 4 | 15 | 0.109 | 0.109 |
| 23 | 66 | 62 | 4 | 15 | 0.092 | 0.092 |
| 24 | 65 | 61 | 4 | 15 | 0.090 | 0.090 |
| 25 | 66 | 62 | 4 | 15 | 0.145 | 0.145 |
| 26 | 67 | 63 | 4 | 15 | 0.161 | 0.161 |
| 27 | 68 | 62 | 6 | 15 | 0.125 | 0.125 |
| 28 | 67 | 63 | 4 | 15 | 0.116 | 0.116 |
| 29 | 66 | 62 | 4 | 15 | 0.112 | 0.112 |
| 30 | 67 | 62 | 5 | 15 | 0.118 | 0.118 |
| 31 | 65 | 62 | 3 | 15 | 0.103 | 0.103 |

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

PSID = pounds per square inch difference (before filter - after filter)

PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter

1 Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in Daily Turbidity correspond to continuous readings' maximum.

PRINTED NAME: Joe Hittner

SIGNATURE:

DATE: 01/09/2024

PHONE #: (503) 854 3320

CERT #: D-600314 T-600314

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: 12/23 | | | Disinfection Giardia Log Inactiv: | 1 |
| Date / Time | Minimum Cl2 Residual at 1st User (C) 2 | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? 2 | Peak Hourly Demand Flow |
| | [ppm or mg/L] | [minutes] | C X T | [° C] | | formula | Yes / No | [GPM] |
| 1 | 0.84 | 170 | 142.8 | 9.5 | 7.81 | 52.09920422 | YES | Unknown |
| 2 | 0.88 | 170 | 149.6 | 8.6 | 7.8 | 55.57231932 | YES | Unknown |
| 3 | 0.89 | 170 | 151.3 | 8.9 | 7.91 | 56.593979 | YES | Unknown |
| 4 | 0.90 | 170 | 153 | 7.8 | 7.92 | 61.31019628 | YES | Unknown |
| 5 | 0.94 | 170 | 159.8 | 8.4 | 7.94 | 59.52213753 | YES | Unknown |
| 6 | 0.94 | 170 | 159.8 | 9.9 | 7.87 | 52.4571544 | YES | Unknown |
| 7 | 0.97 | 170 | 164.9 | 8.7 | 7.84 | 56.54124251 | YES | Unknown |
| 8 | 0.94 | 170 | 159.8 | 8.7 | 7.8 | 55.540958 | YES | Unknown |
| 9 | 0.94 | 170 | 159.8 | 8.7 | 7.71 | 53.77592279 | YES | Unknown |
| 10 | 0.92 | 170 | 156.4 | 9.3 | 7.83 | 53.7545711 | YES | Unknown |
| 11 | 0.91 | 170 | 154.7 | 7.7 | 7.9 | 61.40050495 | YES | Unknown |
| 12 | 0.90 | 170 | 153 | 8.9 | 7.82 | 54.85594817 | YES | Unknown |
| 13 | 0.86 | 170 | 146.2 | 8.0 | 7.72 | 55.92958802 | YES | Unknown |
| 14 | 0.81 | 170 | 137.7 | 8.0 | 7.51 | 51.57798421 | YES | Unknown |
| 15 | 0.78 | 170 | 132.6 | 8.3 | 7.75 | 54.97661845 | YES | Unknown |
| 16 | 0.74 | 170 | 125.8 | 7.7 | 7.66 | 55.21060983 | YES | Unknown |
| 17 | 0.70 | 170 | 119 | 7.7 | 7.65 | 54.82097771 | YES | Unknown |
| 18 | 0.69 | 170 | 117.3 | 8.0 | 7.73 | 55.03996834 | YES | Unknown |
| 19 | 0.65 | 170 | 110.5 | 8.2 | 7.65 | 52.64519932 | YES | Unknown |
| 20 | 0.62 | 170 | 105.4 | 7.8 | 7.72 | 55.2222782 | YES | Unknown |
| 21 | 0.60 | 170 | 102 | 8.1 | 7.73 | 54.26833798 | YES | Unknown |
| 22 | 0.59 | 170 | 100.3 | 8.0 | 7.69 | 53.63428242 | YES | Unknown |
| 23 | 0.59 | 170 | 100.3 | 7.5 | 7.48 | 51.45175536 | YES | Unknown |
| 24 | 0.61 | 170 | 103.7 | 8.3 | 7.71 | 53.14289105 | YES | Unknown |
| 25 | 0.59 | 170 | 100.3 | 7.3 | 7.62 | 54.90968782 | YES | Unknown |
| 26 | 0.59 | 170 | 100.3 | 8.1 | 7.65 | 52.67479047 | YES | Unknown |
| 27 | 0.59 | 170 | 100.3 | 8.1 | 7.95 | 58.49407419 | YES | Unknown |
| 28 | 0.58 | 170 | 98.6 | 8.2 | 7.64 | 52.03718456 | YES | Unknown |
| 29 | 0.58 | 170 | 98.6 | 7.7 | 7.39 | 49.21983468 | YES | Unknown |
| 30 | 0.58 | 170 | 98.6 | 7.7 | 7.6 | 53.0486501 | YES | Unknown |
| 31 | 0.58 | 170 | 98.6 | 8.7 | 7.63 | 50.14504916 | YES | Unknown |

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

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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