

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

**Cartridge or Bag Filtration**

County: Marion

Month/Year: Nov 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	68	63	5	15	0.113	0.113
2			0	15		
3	66	63	3	15	0.317	0.317
4	66	62	4	15	0.304	0.304
5	67	63	4	15	0.524	0.524
6	65	62	3	15	0.383	0.383
7	65	62	3	15	0.737	0.737
8	64	61	3	15	0.375	0.375
9	64	61	3	15	0.250	0.250
10	66	62	4	15	0.233	0.233
11	66	61	5	15	0.202	0.202
12	64	61	3	15	0.188	0.188
13	64	61	3	15	0.218	0.218
14	64	61	3	15	0.152	0.152
15	65	61	4	15	0.145	0.145
16	65	61	4	15	0.156	0.156
17	67	62	5	15	0.132	0.132
18	65	61	4	15	0.331	0.331
19	67	62	5	15	0.182	0.182
20	66	63	3	15	0.126	0.126
21	66	62	4	15	0.117	0.117
22	66	62	4	15	0.119	0.119
23	64	61	3	15	0.115	0.115
24	64	61	3	15	0.111	0.111
25	66	62	4	15	0.103	0.103
26	66	62	4	15	0.085	0.085
27	66	62	4	15	0.089	0.089
28	66	62	4	15	0.088	0.088
29	66	62	4	15	0.088	0.088
30	66	62	4	15	0.088	0.088
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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: 12/11/2023

PHONE #: (503) 427-8034

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: 11/23			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	0.36	170	61.2	12.6	7.57	36.8115199	YES	Unknown
2	0.35	170	59.5	12.4	7.33	34.48653611	YES	Unknown
3	0.40	170	68	11.2	7.74	43.27106605	YES	Unknown
4	0.43	170	73.1	11.4	7.2	35.48357186	YES	Unknown
5	0.40	170	68	11.4	7.8	43.54988501	YES	Unknown
6	0.40	170	68	12.1	7.63	39.28642193	YES	Unknown
7	0.40	170	68	12.2	7.52	37.54706739	YES	Unknown
8	0.40	170	68	12.3	7.67	39.26321985	YES	Unknown
9	0.39	170	66.3	12.0	7.46	37.13581903	YES	Unknown
10	0.36	170	61.2	11.2	7.59	40.87502467	YES	Unknown
11	0.34	170	57.8	10.9	7.65	42.41285222	YES	Unknown
12	0.31	170	52.7	11.0	7.42	38.73409739	YES	Unknown
13	0.38	170	64.6	11.0	7.76	43.95803613	YES	Unknown
14	0.38	170	64.6	11.6	7.47	38.31050267	YES	Unknown
15	0.35	170	59.5	10.8	7.43	39.61133671	YES	Unknown
16	0.32	170	54.4	11.2	7.39	37.96368152	YES	Unknown
17	0.31	170	52.7	10.0	7.8	47.25801708	YES	Unknown
18	0.46	170	78.2	10.8	7.76	45.0133566	YES	Unknown
19	0.48	170	81.6	10.9	7.83	45.90446969	YES	Unknown
20	0.49	170	83.3	10.8	7.75	45.00764847	YES	Unknown
21	0.51	170	86.7	10.9	7.86	46.55194403	YES	Unknown
22	0.54	170	91.8	10.5	7.88	48.27523198	YES	Unknown
23	0.55	170	93.5	11.1	7.69	43.56141815	YES	Unknown
24	0.63	170	107.1	10.0	7.69	47.13815884	YES	Unknown
25	0.63	170	107.1	11.1	7.61	42.58379003	YES	Unknown
26	0.66	170	112.2	10.2	7.82	48.80408766	YES	Unknown
27	0.73	170	124.1	9.1	7.8	52.81303188	YES	Unknown
28	0.74	170	125.8	9.4	7.79	51.52031733	YES	Unknown
29	0.79	170	134.3	9.9	7.91	52.30358075	YES	Unknown
30	0.80	170	136	10.1	7.72	48.3944891	YES	Unknown
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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