

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

**Cartridge or Bag Filtration**

County: Marion

Month/Year: Feb 2024

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	73	61	12	15	0.435	0.435
2	78	64	14	15	0.263	0.263
3	76	62	14	15	0.252	0.252
4	76	62	14	15	0.181	0.181
5	75	62	13	15	0.140	0.140
6	74	62	12	15	0.078	0.078
7	73	62	11	15	0.066	0.066
8	74	63	11	15	0.073	0.073
9	77	62	15	15	0.072	0.072
10	74	62	12	15	0.076	0.076
11	75	62	13	15	0.101	0.101
12	76	63	13	15	0.075	0.075
13	74	63	11	15	0.056	0.056
14	75	63	12	15	0.068	0.068
15	76	63	13	15	0.070	0.070
16			0	15		
17	73	62	11	15	0.055	0.055
18	73	62	11	15	0.101	0.101
19	76	64	12	15	0.066	0.066
20			0	15		
21	74	63	11	15	0.077	0.077
22	76	64	12	15	0.067	0.067
23	75	62	13	15	0.071	0.071
24	76	63	13	15	0.063	0.063
25	74	63	11	15	0.053	0.053
26			0	15		
27			0	15		
28	73	63	10	15	0.116	0.116
29			0	15		
30			0	15		
31			0	15		

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: 03/05/2024
PHONE #: (503) 854 3320	CERT #: D-600314 T-600314

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System Name: Breitenbush Hot Springs							ID#: 41 93461	Month/Year: 02/24	WTP ID: WTP-A
							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	0.49	170	83.3	5.7	7.78	64.14049046	YES	Unknown
2	0.47	170	79.9	5.4	7.73	64.04040408	YES	Unknown
3	0.49	170	83.3	5.4	8.01	71.08895935	YES	Unknown
4	0.45	170	76.5	6.1	7.8	62.62593309	YES	Unknown
5	0.45	170	76.5	6.0	7.69	60.4075547	YES	Unknown
6	0.45	170	76.5	6.3	7.64	58.2198126	YES	Unknown
7	0.45	170	76.5	6.5	7.55	55.5238599	YES	Unknown
8	0.49	170	83.3	6.7	7.62	56.56321443	YES	Unknown
9	0.49	170	83.3	6.5	7.63	57.41016245	YES	Unknown
10	0.49	170	83.3	7.0	7.64	55.70418915	YES	Unknown
11	0.50	170	85	7.1	7.62	55.16226554	YES	Unknown
12	0.49	170	83.3	7.2	7.71	56.48530809	YES	Unknown
13	0.50	170	85	7.0	7.67	56.37344487	YES	Unknown
14	0.54	170	91.8	6.7	7.69	58.34471457	YES	Unknown
15	0.54	170	91.8	7.2	7.68	56.20289436	YES	Unknown
16	0.55	170	93.5	7.1	7.7	57.10130625	YES	Unknown
17	0.55	170	93.5	7.0	7.66	56.49662954	YES	Unknown
18	0.55	170	93.5	8.0	7.96	58.83096015	YES	Unknown
19	0.55	170	93.5	7.2	7.76	57.9125151	YES	Unknown
20	0.54	170	91.8	7.3	7.72	56.59141944	YES	Unknown
21	0.54	170	91.8	7.4	7.71	55.96687676	YES	Unknown
22	0.57	170	96.9	6.9	7.72	58.30132646	YES	Unknown
23	0.57	170	96.9	7.0	7.76	58.7055409	YES	Unknown
24	0.55	170	93.5	7.3	7.72	56.65690199	YES	Unknown
25	0.55	170	93.5	7.8	7.79	56.17322517	YES	Unknown
26	0.55	170	93.5	7.4	7.72	56.23344707	YES	Unknown
27	0.55	170	93.5	7.6	7.78	56.81766598	YES	Unknown
28	0.54	170	91.8	8.0	7.73	54.09630811	YES	Unknown
29	0.54	170	91.8	7.4	7.74	56.57408755	YES	Unknown
30								
31								

2 If Cl2 at entry point < 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