

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Marion
 Month/Year: 12/2021
 WTP ID: WTP-A

Cartridge or Bag Filtration

System Name:	Breitenbush Hot Springs			ID#: 41 93461		
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	62	11	15	0.089	0.089
2	74	62	12	15	0.070	0.070
3	73	62	11	15	0.067	0.067
4	74	62	12	15	0.063	0.063
5	73	62	11	15	0.068	0.068
6	73	62	11	15	0.057	0.057
7	73	62	11	15	0.071	0.071
8	72	62	10	15	0.073	0.073
9	n/a	n/a	n/a	15	n/a	n/a
10	77	72	5	15	0.056	0.056
11	78	72	6	15	0.070	0.070
12	n/a	n/a	n/a	15	n/a	n/a
13	79	71	8	15	0.085	0.085
14	79	71	8	15	0.086	0.086
15	79	71	8	15	0.079	0.079
16	79	71	8	15	0.076	0.076
17	79	71	8	15	0.079	0.079
18	78	71	7	15	0.080	0.080
19	x	x	n/a	15	x	x
20	x	x	n/a	15	x	x
21	x	x	n/a	15	x	x
22	79	71	8	15	0.161	0.161
23	x	x	n/a	15	x	x
24	x	x	n/a	15	x	x
25	78	70	8	15	0.093	0.093
26	80	72	8	15	0.084	0.084
27	80	72	8	15	0.083	0.083
28	80	71	9	15	0.083	0.083
29	80	71	9	15	0.073	0.073
30	80	71	9	15	0.071	0.071
31	x	x	n/a	15	x	x

Cartridge & Bag Filtration

Monthly Summary (Answer Yes or No)

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 Reading column may not correspond to continuous readings' maximum.

PRINTED NAME: Mark Libkuman	
SIGNATURE:	DATE: 12/31/2021
PHONE #: (503) 427-8034	CERT #:

System Name:		Breitenbush Hot Springs		ID#: 41 93461	Month/Year: 12/21	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	0.44	170	74.8	9.9	7.7	46.60270402	YES	Unknown
2	0.44	170	74.8	9.9	7.7	46.60270402	YES	Unknown
3	0.45	170	76.5	10	8	51.55952526	YES	Unknown
4	0.51	170	86.7	9.2	8.1	56.78799612	YES	Unknown
5	0.5	170	85	10.3	8	50.82471017	YES	Unknown
6	0.5	170	85	10.2	8	51.16603661	YES	Unknown
7	0.5	170	85	10.2	7.9	49.37559053	YES	Unknown
8	0.55	170	93.5	10	8.1	54.05544115	YES	Unknown
9	0.6	170	102	9.9	8.1	54.7350599	YES	Unknown
10	0.62	170	105.4	9.7	8.1	55.60598277	YES	Unknown
11	0.64	170	108.8	9.6	8.1	56.11186261	YES	Unknown
12	0.65	170	110.5	9.2	8	55.67537622	YES	Unknown
13	0.65	170	110.5	9.1	8	56.05224209	YES	Unknown
14	0.64	170	108.8	9	8	56.36666772	YES	Unknown
15	0.63	170	107.1	7.8	8.1	63.32227267	YES	Unknown
16	0.63	170	107.1	8.1	8.1	62.04239549	YES	Unknown
17	0.62	170	105.4	7.8	7.6	52.81815951	YES	Unknown
18	0.6	170	102	7.8	8	60.85531528	YES	Unknown
19	0.6	170	102	7.8	8	60.85531528	YES	Unknown
20	0.6	170	102	7.9	8	60.44351464	YES	Unknown
21	0.6	170	102	7.9	8	60.44351464	YES	Unknown
22	0.58	170	98.6	7.2	8.1	65.58306339	YES	Unknown
23	0.58	170	98.6	7.4	8.1	64.69393362	YES	Unknown
24	0.57	170	96.9	7.8	8.2	65.20694971	YES	Unknown
25	0.57	170	96.9	6.8	8.3	72.42572126	YES	Unknown
26	0.56	170	95.2	7.1	7.8	59.08869893	YES	Unknown
27	0.56	170	95.2	6.5	7.8	61.5445448	YES	Unknown
28	0.55	170	93.5	6.5	7.8	61.47295652	YES	Unknown
29	0.57	170	96.9	6.2	8.1	70.14631228	YES	Unknown
30	0.55	170	93.5	6.5	7.9	63.74326291	YES	Unknown
31	0.53	170	90.1	6.4	7.9	64.02957421	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