

OHA - Drinking Water Services - Surface Water Quality Data Form

Cartridge or Bag Filtration

County: Marion

Month/Year: August 2022

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	64	60	4	15	0.076	0.076
2	65	60	5	15	0.077	0.077
3	68	62	6	15	0.076	0.076
4	65	60	5	15	0.074	0.074
5	67	62	5	15	0.074	0.074
6	67	61	6	15	0.077	0.077
7	68	60	8	15	0.093	0.093
8	67	60	7	15	0.076	0.076
9	67	62	5	15	0.073	0.073
10	67	60	7	15	0.070	0.070
11	66	62	4	15	0.060	0.060
12	69	61	8	15	0.077	0.077
13	66	60	6	15	0.065	0.065
14	68	60	8	15	0.062	0.062
15	68	62	6	15	0.059	0.059
16	68	60	8	15	0.064	0.064
17	65	62	3	15	0.062	0.062
18	66	61	5	15	0.065	0.065
19	66	60	6	15	0.070	0.070
20	69	60	9	15	0.068	0.068
21	62	59	3	15	0.064	0.064
22	65	62	3	15	0.068	0.068
23	65	61	4	15	0.069	0.069
24	64	60	4	15	0.065	0.065
25	64	60	4	15	0.064	0.064
26	64	62	2	15	0.066	0.066
27	64	60	4	15	0.064	0.064
28	81	73	8	15	0.068	0.068
29	76	67	9	15	0.063	0.063
30	76	66	10	15	0.063	0.063
31	76	66	10	15	0.064	0.064

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

PRINTED NAME: Mark Libkuman	
SIGNATURE:	DATE: 9/10/2021
PHONE #: (503) 427-8034	CERT #: D-340826 T-340826

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.

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OHA - Drinking Water Services - Surface Water Quality Data Form							WTP ID:	WTP-A
System Name:	Breitenbush Hot Springs		ID#: 41 93461		Month/Year: 08/22		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	0.62	170	105.4	17.5	7.89	30.70725945	YES	Unknown
2	0.61	170	103.7	17.4	7.79	29.77597371	YES	Unknown
3	0.58	170	98.6	17.4	7.94	31.34761383	YES	Unknown
4	0.56	170	95.2	18.0	7.89	29.49665823	YES	Unknown
5	0.55	170	93.5	17.5	7.9	30.57639416	YES	Unknown
6	0.52	170	88.4	17.1	8.04	33.05858554	YES	Unknown
7	0.51	170	86.7	17.5	7.91	30.5503491	YES	Unknown
8	0.51	170	86.7	17.0	7.95	32.05779897	YES	Unknown
9	0.51	170	86.7	17.0	7.86	31.00688658	YES	Unknown
10	0.51	170	86.7	16.9	7.89	31.58658103	YES	Unknown
11	0.51	170	86.7	17.4	7.82	29.76771493	YES	Unknown
12	0.51	170	86.7	18.0	7.81	28.47074818	YES	Unknown
13	0.52	170	88.4	16.4	7.91	32.93696799	YES	Unknown
14	0.52	170	88.4	16.9	7.94	32.21340451	YES	Unknown
15	0.52	170	88.4	16.7	7.94	32.69396144	YES	Unknown
16	0.51	170	86.7	16.7	7.95	32.7778417	YES	Unknown
17	0.5	170	85	16.6	7.95	32.98380488	YES	Unknown
18	0.48	170	81.6	16.5	7.88	32.18625798	YES	Unknown
19	0.49	170	83.3	16.5	7.92	32.70345733	YES	Unknown
20	0.51	170	86.7	18.0	7.9	29.43790825	YES	Unknown
21	0.51	170	86.7	17.0	7.88	31.23748086	YES	Unknown
22	0.51	170	86.7	16.7	7.94	32.65678577	YES	Unknown
23	0.55	170	93.5	17.0	8.13	34.42099086	YES	Unknown
24	0.54	170	91.8	18.6	7.95	28.88803862	YES	Unknown
25	0.54	170	91.8	18.5	7.83	27.83490314	YES	Unknown
26	0.55	170	93.5	18.4	7.77	27.3536722	YES	Unknown
27	0.53	170	90.1	17.3	7.95	31.54132076	YES	Unknown
28	0.55	170	93.5	17.1	7.83	30.69020636	YES	Unknown
29	0.53	170	90.1	17.2	7.96	31.89373008	YES	Unknown
30	0.54	170	91.8	17.7	7.94	30.54142832	YES	Unknown
31	0.57	170	96.9	17.7	7.86	29.75038894	YES	Unknown

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