

OHA - Drinking Water Services - Surface Water Quality Data Form

County:	Marion
Month/Year:	June 2023
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	77	63	14	15	0.069	0.069
2	77	63	14	15	0.059	0.059
3	77	62	15	15	0.052	0.052
4	n/a	n/a	n/a	15	n/a	n/a
5	76	62	14	15	0.062	0.062
6	76	63	13	15	0.075	0.075
7	77	63	14	15	0.083	0.083
8	77	63	14	15	0.063	0.063
9	76	63	13	15	0.052	0.052
10	77	63	14	15	0.048	0.048
11	75	62	13	15	0.047	0.047
12	75	62	13	15	0.047	0.047
13	75	63	12	15	0.039	0.039
14	75	62	13	15	0.083	0.083
15	76	63	13	15	0.036	0.036
16	76	63	13	15	0.038	0.038
17	76	62	14	15	0.039	0.039
18	76	62	14	15	0.032	0.032
19	77	63	14	15	0.037	0.037
20	77	63	14	15	0.031	0.031
21	78	64	14	15	0.032	0.032
22	77	63	14	15	0.031	0.031
23	77	63	14	15	0.030	0.030
24	77	62	15	15	0.034	0.034
25	75	62	13	15	0.036	0.036
26	76	63	13	15	0.130	0.130
27	74	62	12	15	0.030	0.030
28	77	63	14	15	0.030	0.030
29	77	62	15	15	0.025	0.025
30	76	62	14	15	0.027	0.027

95% of daily turbidity readings \leq 1 NTU? Yes CT's met everyday? (see back) Yes All Cl2 residual at entry point \geq 0.2 mg/l? Yes

All daily turbidity readings \leq 5 NTU? 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: 07/09/2023
PHONE #: (503) 427-8034 CERT #: D-600314

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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: 06/23		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	0.46	170	78.2	13.2	7.7	37.50674481	YES	Unknown
2	0.49	170	83.3	13.4	7.82	38.76104655	YES	Unknown
3	0.49	170	83.3	13.9	7.81	37.35740665	YES	Unknown
4	0.51	170	86.7	13.7	7.77	37.44241628	YES	Unknown
5	0.52	170	88.4	13.6	7.81	38.18256265	YES	Unknown
6	0.49	170	83.3	13.3	7.83	39.19208665	YES	Unknown
7	0.47	170	79.9	14.0	7.7	35.52645432	YES	Unknown
8	0.42	170	71.4	14.4	7.83	36.11638904	YES	Unknown
9	0.45	170	76.5	14.5	7.98	38.01997426	YES	Unknown
10	0.46	170	78.2	14.7	7.9	36.54933607	YES	Unknown
11	0.48	170	81.6	14.7	7.57	32.42661702	YES	Unknown
12	0.49	170	83.3	15.0	7.76	34.06235175	YES	Unknown
13	0.47	170	79.9	14.5	7.73	34.7473803	YES	Unknown
14	0.47	170	79.9	14.5	7.81	35.7894319	YES	Unknown
15	0.45	170	76.5	14.5	7.72	34.54064771	YES	Unknown
16	0.44	170	74.8	14.8	7.79	34.75714187	YES	Unknown
17	0.46	170	78.2	14.9	7.8	34.7076503	YES	Unknown
18	0.43	170	73.1	14.5	7.78	35.23470967	YES	Unknown
19	0.49	170	83.3	14.5	7.66	33.93701463	YES	Unknown
20	0.48	170	81.6	14.3	7.78	35.96278245	YES	Unknown
21	0.45	170	76.5	14.2	7.67	34.66875324	YES	Unknown
22	0.44	170	74.8	14.0	7.68	35.14505451	YES	Unknown
23	0.47	170	79.9	13.7	7.65	35.65813163	YES	Unknown
24	0.48	170	81.6	13.6	7.72	36.9045753	YES	Unknown
25	0.35	170	59.5	14.0	7.64	34.27716499	YES	Unknown
26	0.51	170	86.7	14.3	7.71	35.16463876	YES	Unknown
27	0.51	170	86.7	14.1	7.6	34.2669504	YES	Unknown
28	0.46	170	78.2	14.8	7.72	33.94655377	YES	Unknown
29	0.42	170	71.4	14.6	7.73	34.423066	YES	Unknown
30	0.41	170	69.7	15.0	7.73	33.38162567	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