

OHA - Drinking Water Services - Surface Water Quality Data Form

Cartridge or Bag Filtration

County: Marion

Month/Year: Sep 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	76	64	12	15	0.292	0.292
2	76	63	13	15	0.243	0.243
3	77	63	14	15	0.335	0.335
4	77	64	13	15	0.268	0.268
5	74	63	11	15	0.250	0.250
6	75	63	12	15	0.218	0.218
7	77	64	13	15	0.230	0.230
8	77	64	13	15	0.230	0.230
9	75	62	13	15	0.187	0.187
10	74	62	12	15	0.202	0.202
11	75	63	12	15	0.130	0.130
12	75	63	12	15	0.130	0.130
13	76	63	13	15	0.150	0.150
14	76	63	13	15	0.113	0.113
15	73	62	11	15	0.112	0.112
16	74	62	12	15	0.112	0.112
17	76	63	13	15	0.117	0.117
18	76	63	13	15	0.126	0.126
19	76	63	13	15	0.131	0.131
20	76	63	13	15	0.120	0.120
21	76	64	12	15	0.128	0.128
22	75	63	12	15	0.099	0.099
23	76	63	13	15	0.101	0.101
24	75	62	13	15	0.085	0.085
25	76	63	13	15	0.085	0.085
26	73	62	11	15	0.102	0.102
27	75	63	12	15	0.140	0.140
28	76	64	12	15	0.086	0.086
29	76	64	12	15	0.088	0.088
30	76	63	13	15	0.079	0.079

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: 10/11/2023

PHONE #: (503) 427-8034

CERT #: D-600314 T-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: 09/23			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	0.48	170	81.6	17.5	7.77	28.90533814	YES	Unknown
2	0.50	170	85	16.8	7.87	31.5507058	YES	Unknown
3	0.49	170	83.3	16.5	7.8	31.28238747	YES	Unknown
4	0.47	170	79.9	16.3	7.87	32.50875426	YES	Unknown
5	0.45	170	76.5	16.6	7.82	31.25572104	YES	Unknown
6	0.45	170	76.5	16.3	7.77	31.25589922	YES	Unknown
7	0.44	170	74.8	16.2	7.91	33.12530926	YES	Unknown
8	0.46	170	78.2	16.5	7.84	31.64099137	YES	Unknown
9	0.47	170	79.9	15.7	7.88	33.98454319	YES	Unknown
10	0.51	170	86.7	15.7	7.81	33.26714096	YES	Unknown
11	0.52	170	88.4	16.2	7.9	33.18166122	YES	Unknown
12	0.52	170	88.4	16.4	7.7	30.4501365	YES	Unknown
13	0.49	170	83.3	16.1	7.82	32.46261263	YES	Unknown
14	0.52	170	88.4	16.0	7.63	30.47296928	YES	Unknown
15	0.52	170	88.4	16.3	7.62	29.80236235	YES	Unknown
16	0.53	170	90.1	16.0	7.66	30.84880146	YES	Unknown
17	0.53	170	90.1	16.0	7.65	30.73469681	YES	Unknown
18	0.52	170	88.4	16.3	7.46	28.08393878	YES	Unknown
19	0.51	170	86.7	16.6	7.53	28.26089777	YES	Unknown
20	0.51	170	86.7	16.3	7.76	31.23790825	YES	Unknown
21	0.49	170	83.3	15.8	7.65	31.05193045	YES	Unknown
22	0.40	170	68	15.4	7.6	30.84946995	YES	Unknown
23	0.41	170	69.7	15.9	7.75	31.69563756	YES	Unknown
24	0.45	170	76.5	15.6	7.63	31.1407892	YES	Unknown
25	0.43	170	73.1	15.6	7.5	29.49840969	YES	Unknown
26	0.45	170	76.5	15.6	7.52	29.89664234	YES	Unknown
27	0.47	170	79.9	15.4	7.44	29.41438641	YES	Unknown
28	0.45	170	76.5	15.0	7.7	33.16379813	YES	Unknown
29	0.43	170	73.1	15.0	7.68	32.84453604	YES	Unknown
30	0.39	170	66.3	14.7	7.8	34.94554543	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