

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

**Cartridge or Bag Filtration**

County: Marion  
 Month/Year: 10/31  
 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	82	67	15	15	0.072	0.072
2	82	67	15	15	0.072	0.072
3	81	67	14	15	0.048	0.048
4	81	67	14	15	0.046	0.046
5	82	67	15	15	0.056	0.056
6	81	67	14	15	0.059	0.059
7	80	66	14	15	0.043	0.043
8	80	66	14	15	0.072	0.072
9	81	67	14	15	0.054	0.054
10	82	67	15	15	0.054	0.054
11	81	66	15	15	0.051	0.051
12	81	67	14	15	0.044	0.044
13	80	65	15	15	0.050	0.050
14	79	64	15	15	0.047	0.047
15	78	64	14	15	0.053	0.053
16	77	63	14	15	0.048	0.048
17	76	63	13	15	0.046	0.046
18	75	61	14	15	0.055	0.055
19	71	61	10	15	0.047	0.047
20	71	60	11	15	0.050	0.050
21	71	60	11	15	0.050	0.050
22	80	65	15	15	0.095	0.095
23	79	72	7	15	0.058	0.058
24	81	69	12	15	0.058	0.058
25	81	69	12	15	0.059	0.059
26	81	69	12	15	0.087	0.087
27	81	68	13	15	0.111	0.111
28	80	68	12	15	0.078	0.078
29	80	68	12	15	0.082	0.082
30	80	67	13	15	0.074	0.074
31	80	67	13	15	0.059	0.059

**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: 10/31/2021  
 PHONE #: (503) 427-8034 CERT #:

System Name:	Breitenbush Hot Springs	ID#: 41 93461	Month/Year: 10/21	Disinfection Giardia Log Inactiv:	1
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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	0.43	170	73.1	14.9	8	37.21291791	YES	Unknown
2	0.42	170	71.4	14.5	7.9	36.78899181	YES	Unknown
3	0.48	170	81.6	14.4	8	38.6878085	YES	Unknown
4	0.54	170	91.8	14.4	7.9	37.54176244	YES	Unknown
5	0.51	170	86.7	14.9	8	37.5521205	YES	Unknown
6	0.51	170	86.7	14.5	7.8	35.81982721	YES	Unknown
7	0.48	170	81.6	14.5	8	38.43186503	YES	Unknown
8	0.56	170	95.2	14.2	7.9	38.13003636	YES	Unknown
9	0.55	170	93.5	13.5	7.9	39.8978061	YES	Unknown
10	0.65	170	110.5	13.6	7.9	40.08552204	YES	Unknown
11	0.61	170	103.7	13.2	7.8	39.49511337	YES	Unknown
12	0.67	170	113.9	13.5	7.8	38.98082464	YES	Unknown
13	0.79	170	134.3	12.9	7.7	39.63159621	YES	Unknown
14	0.85	170	144.5	12.3	7.6	40.23609628	YES	Unknown
15	0.83	170	141.1	12.9	7.7	39.81158379	YES	Unknown
16	0.8	170	136	11.8	7.9	45.93443393	YES	Unknown
17	0.74	170	125.8	11.9	8.1	48.64581356	YES	Unknown
18	0.71	170	120.7	12	8	46.48213684	YES	Unknown
19	0.66	170	112.2	12	8	46.21893509	YES	Unknown
20	0.6	170	102	11.3	7.8	44.80746486	YES	Unknown
21	0.53	170	90.1	12	7.7	40.99269558	YES	Unknown
22	0.51	170	86.7	11.8	7.7	41.44012747	YES	Unknown
23	0.46	170	78.2	11.5	7.9	45.08427651	YES	Unknown
24	0.45	170	76.5	11	7.9	46.54978137	YES	Unknown
25	0.42	170	71.4	11	7.9	46.39140977	YES	Unknown
26	0.4	170	68	11	7.9	46.28615816	YES	Unknown
27	0.39	170	66.3	11.2	8	47.26662192	YES	Unknown
28	0.4	170	68	11.8	8	45.47416405	YES	Unknown
29	0.41	170	69.7	11.9	7.8	42.1575151	YES	Unknown
30	0.44	170	74.8	11.4	7.9	45.28080937	YES	Unknown
31	0.41	170	69.7	11.9	7.9	43.66164531	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