

OHA - Drinking Water Services - Surface Water Quality Data Form

Cartridge or Bag Filtration

Cartridge or Bag Filtration						County:	Marion
						Month/Year:	April 2024
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	62	14	15	0.030	0.030	
2	77	62	15	15	0.043	0.043	
3	75	62	13	15	0.058	0.058	
4	76	62	14	15	0.051	0.051	
5	74	62	12	15	0.058	0.058	
6	74	61	13	15	0.048	0.048	
7	75	62	13	15	0.047	0.047	
8	75	62	13	15	0.048	0.048	
9			0	15			
10	80	66	14	15	0.051	0.051	
11			0	15			
12	82	67	15	15	0.034	0.034	
13	80	66	14	15	0.035	0.035	
14	80	67	13	15	0.034	0.034	
15	80	67	13	15	0.029	0.029	
16	80	67	13	15	0.030	0.030	
17	80	67	13	15	0.030	0.030	
18	79	66	13	15	0.034	0.034	
19	78	66	12	15	0.030	0.030	
20	77	65	12	15	0.028	0.028	
21	77	65	12	15	0.034	0.034	
22	78	66	12	15	0.027	0.027	
23	76	65	11	15	0.027	0.027	
24	76	65	11	15	0.032	0.032	
25	76	65	11	15	0.029	0.029	
26			0	15			
27	75	63	12	15	0.076	0.076	
28	73	63	10	15	0.048	0.048	
29			0	15			
30	74	62	12	15	0.041	0.041	
31							
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						PRINTED NAME: Joe Hittner	
PSID = pounds per square inch difference (before filter - after filter)						SIGNATURE:	
PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter						DATE: 05/10/2024	
1 Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in Daily Turbidity						PHONE #: (503) 854 3320	
correspond to continuous readings' maximum.						CERT #: D-600314 T-600314	

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System Name:	Breitenbush Hot Springs		ID#: 41 93461	Month/Year: 04/24			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	0.49	170	83.3	8.8	7.74	51.23329598	YES	Unknown
2	0.48	170	81.6	9.0	7.78	51.14351662	YES	Unknown
3	0.49	170	83.3	9.2	7.7	49.21263818	YES	Unknown
4	0.50	170	85	10.0	7.73	47.10856802	YES	Unknown
5	0.56	170	95.2	9.3	7.78	50.66390226	YES	Unknown
6	0.60	170	102	9.3	7.86	52.37145434	YES	Unknown
7	0.62	170	105.4	9.0	7.78	51.97158556	YES	Unknown
8	0.62	170	105.4	9.6	7.72	49.01702588	YES	Unknown
9	0.63	170	107.1	9.7	7.72	48.7108444	YES	Unknown
10	0.62	170	105.4	9.0	7.79	52.15763038	YES	Unknown
11	0.62	170	105.4	9.2	7.78	51.39434703	YES	Unknown
12	0.62	170	105.4	9.9	7.8	49.32195897	YES	Unknown
13	0.60	170	102	9.7	7.69	48.03033516	YES	Unknown
14	0.59	170	100.3	9.7	7.75	49.00846895	YES	Unknown
15	0.58	170	98.6	10.2	7.76	47.51792223	YES	Unknown
16	0.57	170	96.9	10.0	7.77	48.16351965	YES	Unknown
17	0.56	170	95.2	10.0	7.82	48.97028122	YES	Unknown
18	0.54	170	91.8	9.8	7.79	49.06217582	YES	Unknown
19	0.53	170	90.1	10.1	7.75	47.43020134	YES	Unknown
20	0.52	170	88.4	10.0	7.85	49.269642	YES	Unknown
21	0.51	170	86.7	9.2	7.79	50.93167135	YES	Unknown
22	0.53	170	90.1	10.3	7.75	46.73518238	YES	Unknown
23	0.53	170	90.1	10.1	7.69	46.43377168	YES	Unknown
24	0.51	170	86.7	10.0	7.74	47.32948942	YES	Unknown
25	0.50	170	85	10.2	7.77	47.25428885	YES	Unknown
26	0.47	170	79.9	10.5	7.75	45.73892106	YES	Unknown
27	0.50	170	85	10.4	7.86	48.07010682	YES	Unknown
28	0.50	170	85	10.1	7.81	48.28467651	YES	Unknown
29	0.47	170	79.9	10.4	7.87	48.07624372	YES	Unknown
30	0.47	170	79.9	10.2	7.77	47.09328029	YES	Unknown
31								

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