OHA - Drinking Water Program - Turbidity

County: **Hood River**

System Name: **Mt Hood Meadows Spring** | ID#: **4191167** | Month/Year: **Dec-2023**

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	26.5	19.5	7.0	25	0.20	0.20
2						Plant Off
3						Plant Off
4	26.0	19.0	6.0	25	0.20	0.20
5	27.0	20.0	6.0	25	0.19	0.19
6	26.0	20.0	5.0	25	0.19	0.19
7	34.0	30.0	5.0	25	0.20	0.20
8	30.5	26.0	7.5	25	0.19	0.19
9	28.0	19.0	8.0	25	0.19	0.19
10	37.0	33.0	3.0	25	0.20	0.20
11	36.0	34.0	3.0	25	0.21	0.21
12	37.0	36.0	1.5	25	0.19	0.19
13	38.5	38.0	1.0	25	0.21	0.21
14	38.0	37.0	2.0	25	0.20	0.20
15	38.5	38.0	1.0	25	0.23	0.23
16	38.0	38.0	1.0	25	0.20	0.20
17	38.0	37.5	2.0	25	0.20	0.20
18	38.0	37.0	1.0	25	0.22	0.22
19	38.0	37.0	1.5	25	0.20	0.20
20	38.0	38.0	1.0	25	0.21	0.21
21	38.0	37.0	1.0	25	0.23	0.23
22	38.0	37.0	1.0	25	0.24	0.24
23	30.0	22.0	9.0	25	0.22	0.22
24	29.0	20.0	10.0	25	0.24	0.24
25	36.0	32.0	6.0	25	0.20	0.20
26	38.0	38.0	1.0	25	0.21	0.21
27	37.0	33.0	5.0	25	0.20	0.20
28	38.0	35.0	3.5	25	0.20	0.20
29	38.0	38.0	1.0	25	0.21	0.21
30	38.0	38.0	2.0	25	0.23	0.23
31	38.0	38.0	1.0	25	0.21	0.21

Cartridge & Bag Filtration		Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU?	Yes / No	CT's met everyday? (see back)	All Cl2 residual at entry point ≥ 0.2 mg/l?
All daily turbidity readings ≤ 5 NTU?	Yes / No	Yes / No	Yes / No

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 at what PSID

PRINTED NAME: **Patricio Ramos**

SIGNATURE: Patricio Ramos

PHONE #: **(503)337-2222**

DATE: **01/09/24**

CERT # : **6903**

[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 Program - Surface Water Quality Data Form

System Name:	Mt. Hood Meadows Spring	ID#: 4191167-A	Month-Year:	Dec-2023	WTP-: Disinfection *Giardia* Log Inactiv:	1

Date / Time	Minimum Cl_2 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 / 8:50	0.70	494	346	6.1	7.58	59.4	Yes	60.7
2 / 9:55	0.69	2625	1811	5.8	7.55	59.9	Yes	11.4
3 / 8:10	0.65	3198	2079	6.3	7.50	56.6	Yes	9.4
4 / 8:10	0.71	3681	2613	6.6	7.55	56.8	Yes	8.2
5 / 8:45	0.74	4484	3318	6.4	7.54	57.6	Yes	6.7
6 / 9:30	0.71	4065	2886	5.3	7.53	61.6	Yes	7.4
7 / 14:00	0.70	294	205	5.4	7.52	60.9	Yes	102.2
8 / 9:00	0.71	276	196	5.1	7.54	62.7	Yes	108.7
9 / 8:25	0.70	322	226	4.9	7.38	59.9	Yes	93.1
10 / 8:00	0.62	1832	1136	5.2	7.51	61.0	Yes	16.4
11 / 8:30	0.58	5376	3118	5.9	7.52	58.1	Yes	5.6
12 / 7:45	0.60	5725	3435	5.4	7.41	57.9	Yes	5.2
13 / 7:50	0.63	690	435	5.8	7.40	56.3	Yes	43.5
14 / 8:10	0.51	2302	1174	5.8	7.46	56.7	Yes	13.0
15 / 9:30	0.52	705	367	4.3	7.38	61.1	Yes	42.6
16 / 8:30	0.50	693	347	4.8	7.46	60.7	Yes	43.3
17 / 8:10	0.53	1066	565	4.8	7.51	62.0	Yes	28.2
18 / 8:45	0.51	1592	812	4.8	7.48	61.2	Yes	18.8
19 / 9:50	0.55	1742	958	4.5	7.48	62.7	Yes	17.2
20 / 9:15	0.53	1203	638	4.5	7.53	63.7	Yes	24.9
21 / 9:00	0.58	1316	763	4.6	7.58	64.8	Yes	22.8
22 / 8:50	0.56	354	198	4.8	7.54	62.9	Yes	84.8
23 / 10:45	0.66	221	146	5.1	7.54	62.3	Yes	135.8
24 / 8:30	0.71	275	196	5.1	7.54	62.7	Yes	108.9
25 / 8:30	0.69	1622	1119	4.9	7.45	61.4	Yes	18.5
26 / 9:15	0.79	1327	1049	4.5	7.40	62.7	Yes	22.6
27 / 9:20	0.81	890	721	4.3	7.36	62.7	Yes	33.7
28 / 8:40	0.74	783	579	4.1	7.40	64.0	Yes	38.3
29 / 8:15	0.74	694	513	4.6	7.35	60.8	Yes	43.2
30 / 8:40	0.72	654	471	4.4	7.42	63.0	Yes	45.9
31 / 8:15	0.73	755	551	4.3	7.40	63.1	Yes	39.7