

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Clackamas

Cartridge or Bag Filtration

Month/Year: Apr-21

System Name: USFS Timberline Lodge 1 ID#: 41-92641 WTP ID: WTP- B TP for surface water

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				5.00		
2				5.00		
3				5.00		
4				5.00		
5				5.00		
6				5.00		
7				5.00		switched to surface H2O 4-8-2021
8	156.00	156.00	0.00	5.00	0.41	
9	162.00	162.00	0.00	5.00	0.49	
10	158.00	158.00	0.00	5.00	0.55	
11	158.00	158.00	0.00	5.00	0.41	
12	158.00	158.00	0.00	5.00	0.25	
13	158.00	158.00	0.00	5.00	0.47	
14	162.00	162.00	0.00	5.00	0.38	
15	162.00	162.00	0.00	5.00	0.53	
16	162.00	162.00	0.00	5.00	0.22	
17	158.00	158.00	0.00	5.00	0.22	
18	161.00	161.00	0.00	5.00	0.16	
19	158.00	158.00	0.00	5.00	0.12	
20	162.00	162.00	0.00	5.00	0.26	
21	162.00	162.00	0.00	5.00	0.26	
22	162.00	162.00	0.00	5.00	0.31	
23	162.00	162.00	0.00	5.00	0.24	
24	162.00	162.00	0.00	5.00	0.33	
25	161.00	161.00	0.00	5.00	0.33	
26	161.00	161.00	0.00	5.00	0.14	
27	161.00	161.00	0.00	5.00	0.19	
28	158.00	158.00	0.00	5.00	0.11	
29	156.00	156.00	0.00	5.00	0.11	
30	158.00	158.00	0.00	5.00	0.06	
31				5.00		

Cartridge & Bag Filtration	Monthly Summary (Answer Yes or No)	
95% of daily turbidity readings ≤ 1 NTU? Yes	CT's met everyday? (see back) Yes	All Cl2 residual at entry point ≥ 0.2 mg/l? Yes
All daily turbidity readings ≤ 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 at what PSID.	PRINTED NAME: Phillip Merrill	
	SIGNATURE: Phillip Merrill	5/10/2021
	PHONE #: (503) 734.7400	CERT #:T08670

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.

Phillip Merrill

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- :B

System Name: USFS Timberline Lodge 1	ID#: 41 92641	Month/Year: February 2020	Disinfection <i>Giardia</i> Log Inactiv:	0.5
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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	1.5	204.6166842	306.9	4.6	7.90	40.6	YES	109.5
2	1.5	194.9285409	292.4	4.6	7.90	40.6	YES	115.3
3	1.5	258.6780477	388.0	5.1	7.80	37.8	YES	85.5
4	1.5	179.1308424	268.7	5.0	7.60	35.4	YES	126.2
5	1.3	229.8846472	298.9	4.3	7.40	33.7	YES	96.8
6	1.4	190.5920862	266.8	4.5	7.40	33.6	YES	118.1
7	1.4	197.5024085	276.5	4.6	7.40	33.4	YES	113.7
8	1.4	189.9893216	266.0	4.9	7.40	32.7	YES	118.5
9	1.4	204.6166842	286.5	4.8	7.40	33.0	YES	109.5
10	1.4	210.4144222	294.6	4.8	7.40	33.0	YES	106.3
11	1.4	203.0466276	284.3	4.6	7.40	33.4	YES	110.4
12	1.3	213.0621618	277.0	4.8	7.00	28.2	YES	104.9
13	1.3	251.6708042	327.2	4.7	7.40	32.8	YES	88
14	1.3	214.9970904	279.5	4.7	7.30	31.6	YES	103.9
15	1.4	207.1109585	290.0	4.9	7.30	31.6	YES	108.1
16	1.5	200.4859902	300.7	4.9	7.10	29.7	YES	111.9
17	1.4	223.9728257	313.6	5.4	7.00	27.4	YES	99.5
18	1.5	203.9157066	305.9	5.1	6.50	23.6	YES	109.9
19	1.4	206.2127638	288.7	5.7	6.50	22.5	YES	108.6
20	1.3	223.9728257	291.2	5.6	7.20	28.7	YES	99.5
21	1.3	208.5654814	271.1	5.6	7.30	29.8	YES	107.3
22	1.3	197.8292443	257.2	5.7	7.30	29.5	YES	113.5
23	1.3	212.1084659	275.7	6.6	7.50	29.9	YES	105.4
24	1.5	213.0621618	319.6	4.4	7.60	36.9	YES	104.9
25	1.5	207.1109585	310.7	4.4	7.60	36.9	YES	108.1
26	1.4	232.1587763	325.0	4.4	7.60	36.4	YES	95.8
27	1.4	208.5654814	292.0	4.6	7.60	35.9	YES	107.3
28	1.4	208.5654814	292.0	4.4	7.60	36.4	YES	107.3
29	1.6	219.1841771	350.7	4.7	7.80	39.3	YES	101.8
30	1.4	252.4905798	353.5	4.1	7.60	37.2	YES	87.7
31		#DIV/0!						

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

of 2 (CT notes 1563 gallons plug flow up to reservoir, 1892 gallons plug flow down from reservoir, 19197 gallons 10% of min reservo