

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A	Month/Year: Oct 2023
--	-----------------------	---------------	-----------------------------

DAY	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	NOON [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day 1 [NTU]	Peak Hourly Demand Flow [GPM]
1	OFF	OFF	0.047	OFF	OFF	OFF	0.047	1100
2	OFF	OFF	0.061	0.055	0.044	0.044	0.061	1100
3	0.047	0.038	0.045	OFF	OFF	OFF	0.045	900
4	OFF	OFF	0.054	0.061	0.051	0.048	0.062	900
5	0.046	0.036	0.038	OFF	OFF	OFF	0.046	900
6	OFF	OFF	0.059	0.530	0.065	0.074	0.074	900
7	0.061	0.037	0.036	OFF	OFF	OFF	0.061	900
8	OFF	OFF	0.070	0.052	0.058	0.047	0.070	900
9	OFF	OFF	0.051	0.046	0.038	0.041	0.051	900
10	0.037	OFF	0.062	OFF	OFF	OFF	0.062	900
11	OFF	OFF	0.060	0.050	0.038	OFF	0.061	900
12	OFF	OFF	0.044	0.052	OFF	OFF	0.052	900
13	OFF	OFF	0.065	0.049	0.038	0.048	0.065	900
14	OFF	OFF	0.056	0.044	0.048	OFF	0.056	900
15	OFF	OFF	0.061	0.049	OFF	OFF	0.061	900
16	OFF	OFF	0.044	0.042	0.044	OFF	0.044	900
17	OFF	OFF	0.056	OFF	OFF	OFF	0.056	900
18	OFF	OFF	0.041	OFF	OFF	OFF	0.041	900
19	OFF	OFF	0.050	0.047	0.047	0.043	0.050	900
20	0.035	0.051	0.049	OFF	OFF	OFF	0.051	900
21	OFF	OFF	0.054	OFF	OFF	OFF	0.054	900
22	OFF	OFF	0.044	0.037	0.034	0.033	0.044	900
23	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
24	OFF	OFF	0.035	0.034	0.031	0.034	0.035	900
25	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
26	OFF	OFF	0.045	0.049	0.034	OFF	0.049	900
27	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
28	OFF	OFF	0.051	0.047	0.034	0.034	0.051	900
29	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
30	OFF	0.048	0.041	0.047	0.044	OFF	0.048	900
31	OFF	OFF	0.033	0.045	OFF	OFF	0.045	900

<p style="text-align: center;">Conventional or Direct Filtration</p> <p>95% of the 4-hour turbidity readings \leq 0.3 NTU? Yes / No</p> <p>All the 4-hour turbidity readings < 1 NTU? Yes / No</p> <p>All turbidity readings < IFE triggers? Yes / No²</p>	<p style="text-align: center;">Monthly UV Summary (Circle Yes or No)</p> <p>Is volume of off-spec water produced less than 5% in the month? Yes / No</p>
OR	PRINTED NAME: Steve Ledbetter
<p style="text-align: center;">Slow Sand/Cartridge (Membrane) DE Filtration</p> <p>95% of turbidity readings < 1 NTU? Yes / No</p> <p>All turbidity readings < 5 NTU? Yes / No</p>	<p>SIGNATURE: <i>Steve Ledbetter</i></p> <p>PHONE: 541-863-3171</p>
<p>Is there 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other Yes / No</p>	
<p>CTViral: Required= 4 Achieved= 4</p>	

¹ Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM through

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP - : A

System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Oct-24

Disinfection *Giardia* Log Inactiv: 1.0

Date	Time	Minimum Cl ₂ Residual at 1st User (C) ³	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? ³	Peak Hourly Demand Flow
		[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	7:36	0.97	83	80.5	17.7	7.8	30.5	YES	1100
2	7:44	0.78	83	64.7	18.0	7.7	28.2	YES	1100
3	7:32	1.04	83	86.3	16.5	7.8	33.3	YES	900
4	8:00	0.78	83	64.7	16.5	7.8	32.3	YES	900
5	12:43	1.09	83	90.5	16.9	7.9	33.8	YES	900
6	6:37	0.78	83	64.7	16.8	7.7	30.5	YES	900
7	9:18	1.00	83	83.0	16.8	7.8	32.5	YES	900
8	8:06	0.73	83	60.6	17.1	7.8	30.9	YES	900
9	8:11	0.78	83	64.7	18.0	7.7	28.2	YES	900
10	7:31	0.96	83	79.7	17.8	7.7	29.2	YES	900
11	8:04	0.84	83	69.7	17.3	7.7	29.7	YES	900
12	5:46	0.92	83	76.4	18.1	7.7	28.5	YES	900
13	8:07	0.86	83	71.4	18.2	7.7	28.1	YES	900
14	9:07	0.90	83	74.7	18.2	7.6	27.2	YES	900
15	7:51	0.90	83	74.7	18.3	7.5	26.0	YES	900
16	7:55	0.93	83	77.2	18.1	7.6	27.4	YES	900
17	7:55	0.92	83	76.4	17.6	7.4	26.3	YES	900
18	7:17	0.89	83	73.9	16.2	7.5	29.9	YES	900
19	14:26	1.09	83	90.5	15.9	7.5	31.2	YES	900
20	6:00	0.99	83	82.2	15.5	7.7	34.1	YES	900
21	7:50	0.88	83	73.0	15.6	7.6	32.2	YES	900
22	8:08	0.87	83	72.2	15.6	7.4	29.9	YES	900
23	OFF	OFF	83	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF
24	8:15	0.79	83	65.6	14.3	7.6	34.8	YES	900
25	OFF	OFF	83	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF
26	5:58	0.85	83	70.6	14.4	7.5	33.5	YES	900
27	OFF	OFF	83	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF
28	8:25	0.78	83	64.7	14.8	7.6	33.6	YES	900
29	OFF	OFF	83	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF
30	3:02	0.82	83	68.1	13.5	7.5	35.5	YES	900
31	8:01	1.01	83	83.8	12.9	7.7	40.6	YES	900

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013

Oregon DHS - Drinking Water Program – Surface Water Quality Data

System Name: City of Myrtle Creek PWS ID#: 41-00550A Month/Year: Oct. 2024

Minimum UVT [%] during month: 96.1 Duty sensor variation from reference sensor: 3.9 %

Minimum Validated UVT : 75% {Insert Req'd Value}

Date	Peak Hourly Demand Flow	Minimum Intensity	All Lamps On?	Daily Water Produced {A}	Water outside Validated Conditions {B}	Cumulative % Off-Spec Water Produced
	[gpm/unit]	[^{mW} /cm ²]	[Y or N]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	1100	97.6	Y	77568	0	0
2	1100	97.0	Y	1035776	0	0
3	900	96.2	Y	389632	0	0
4	900	97.7	Y	1021696	0	0
5	900	96.8	Y	295424	0	0
6	900	96.7	Y	911104	0	0
7	900	97.6	Y	494848	0	0
8	900	97.5	Y	722944	0	0
9	900	97.9	Y	975616	0	0
10	900	97.3	Y	315904	0	0
11	900	97.5	Y	727296	0	0
12	900	96.1	Y	454400	0	0
13	900	96.8	Y	718080	0	0
14	900	98.1	Y	541696	0	0
15	900	97.6	Y	509184	0	0
16	900	97.7	Y	531200	0	0
17	900	96.4	Y	346888	0	0
18	900	97.8	Y	73216	0	0
19	900	96.6	Y	1048320	0	0
20	900	97.8	Y	407040	0	0
21	900	98.8	Y	294656	0	0
22	900	98.6	Y	905216	0	0
23	0	OFF	Y	OFF	0	#VALUE!
24	900	97.9	Y	940544	0	0
25	0	OFF	Y	OFF	0	#VALUE!
26	900	97.0	Y	855296	0	0
27	900	OFF	Y	OFF	0	#VALUE!
28	900	98.0	Y	970240	0	0
29	900	OFF	Y	OFF	0	#VALUE!
30	900	96.6	Y	833280	0	0
31	900	97.8	Y	393472	0	0
Monthly Cumulative % Off-Spec Water Produced						#VALUE!

Signature:  Op Cert #: 08622 Date: Nov. 1, 2024