

### Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

<b>System Name:</b> City of Myrtle Creek	<b>ID #:</b> 41-00550	<b>WTP: A</b> <b>Month/Year:</b> Aug/24
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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	0.050	OFF	0.052	0.046	0.052	1100
2	0.043	0.036	0.036	0.034	OFF	OFF	0.050	1100
3	OFF	OFF	0.046	0.044	0.045	0.042	0.050	1100
4	0.044	OFF	0.046	0.045	OFF	OFF	0.046	1100
5	OFF	OFF	0.048	Off	0.040	0.042	0.048	1100
6	0.430	0.440	0.440	0.043	0.047	OFF	0.047	1100
7	OFF	OFF	0.041	OFF	0.440	0.038	0.044	1100
8	0.037	0.037	0.037	0.038	OFF	OFF	0.038	1100
9	OFF	OFF	0.050	0.050	0.046	0.051	0.051	1100
10	0.046	0.038	OFF	OFF	OFF	0.047	0.047	1100
11	0.042	0.037	0.037	0.037	0.046	OFF	0.046	1100
12	OFF	OFF	0.049	OFF	0.040	0.046	0.049	1100
13	0.048	OFF	0.046	0.042	0.036	0.038	0.048	1100
14	0.039	OFF	0.045	OFF	OFF	OFF	0.045	1100
15	0.051	0.051	0.046	0.045	0.037	0.038	0.051	1100
16	0.038	OFF	0.041	OFF	0.044	0.039	0.050	1100
17	OFF	OFF	0.052	0.042	OFF	OFF	0.052	1100
18	OFF	OFF	0.044	0.043	0.036	OFF	0.044	1100
19	OFF	OFF	0.035	0.034	0.044	OFF	0.044	1100
20	OFF	OFF	0.045	0.048	OFF	OFF	0.048	1100
21	0.044	0.047	0.044	0.036	0.035	0.037	0.047	1100
22	0.037	0.041	0.041	OFF	OFF	OFF	0.041	1100
23	OFF	OFF	0.051	0.042	0.041	OFF	0.058	1100
24	OFF	OFF	0.035	0.032	OFF	OFF	0.035	1100
25	OFF	OFF	0.039	0.037	0.036	OFF	0.039	1100
26	OFF	OFF	0.047	OFF	0.045	0.038	0.047	1100
27	0.034	0.032	0.032	OFF	OFF	OFF	0.034	1100
28	OFF	0.044	0.042	OFF	OFF	0.045	0.045	1100
29	0.041	0.041	0.039	0.036	OFF	OFF	0.041	1100
30	OFF	0.037	0.031	0.032	0.041	0.039	0.048	1100
31	OFF	OFF	0.048	0.042	OFF	OFF	0.048	1100

<b>Conventional or Direct Filtration</b>	<b>Monthly UV Summary (Circle Yes or No)</b>	
95% of the 4-hour turbidity readings ≤ 0.3 NTU? <b>Yes / No</b>	Is volume of off-spec water produced less than 5% in the month? <b>Yes / No</b>	
All the 4-hour turbidity readings < 1 NTU? <b>Yes / No</b>		
All turbidity readings < IFE triggers? <b>Yes / No</b> <sup>2</sup>		
<b>OR</b>	PRINTED NAME: Steve Ledbetter	
<b>Slow Sand/Cartridge/Membrane/DE Filtration</b>	SIGNATURE: <i>Steve Ledbetter</i>	DATE: 09/05/2024
95% of turbidity readings < 1 NTU? <b>Yes / No</b>	PHONE: 541-863-3171	CERT #: 08622
All turbidity readings < 5 NTU? <b>Yes / No</b>		
Is there 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other <b>Yes / No</b>		CT <sub>viral</sub> : Required= 4 Achieved= 4

<sup>1</sup> 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: Aug-24

Disinfection *Giardia* Log Inactiv: 1.0

Date	Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
		[ppm or mg/L]	[minutes]	<b>C X T</b>	[° C]		formula	Yes/No	[GPM]
1	16:21	1.19	83	98.8	26.1	7.2	14.2	YES	1100
2	6:59	1.48	83	122.8	26.5	7.3	14.8	YES	1100
3	7:04	0.85	83	70.6	26.2	7.2	13.5	YES	1100
4	7:30	1.44	83	119.5	26.3	7.3	14.9	YES	1100
5	7:07	0.84	83	69.7	25.6	7.3	14.6	YES	1100
6	12:43	1.42	83	117.9	24.9	7.3	16.4	YES	1100
7	6:34	0.90	83	74.7	24.7	7.3	15.6	YES	1100
8	11:53	1.36	83	112.9	24.7	7.4	17.1	YES	1100
9	10:17	1.20	83	99.6	24.9	7.3	16.0	YES	1100
10	20:40	1.04	83	86.3	25.0	7.4	16.2	YES	1100
11	13:18	1.25	83	103.8	25.3	7.3	15.6	YES	1100
12	5:48	0.97	83	80.5	24.8	7.4	16.3	YES	1100
13	12:51	0.32	83	26.6	23.9	7.5	16.7	YES	1100
14	10:30	0.97	83	80.5	23.9	7.4	17.3	YES	1100
15	1:03	1.18	83	97.9	24.2	7.4	17.4	YES	1100
16	6:49	1.18	83	97.9	24.0	7.4	17.6	YES	1100
17	6:52	1.06	83	88.0	24.4	7.3	16.3	YES	1100
18	5:28	0.97	83	80.5	22.6	7.3	18.2	YES	1100
19	6:00	1.11	83	92.1	22.9	7.3	18.1	YES	1100
20	5:54	0.99	83	82.2	22.9	7.3	17.9	YES	1100
21	1:00	1.13	83	93.8	22.8	7.2	17.6	YES	1100
22	11:30	1.19	83	98.8	23.2	7.3	17.9	YES	1100
23	7:11	0.83	83	68.9	22.4	7.3	18.1	YES	1100
24	6:35	1.15	83	95.5	21.0	7.3	20.7	YES	1100
25	8:30	1.18	83	97.9	21.1	7.3	20.6	YES	1100
26	7:34	1.15	83	95.5	21.4	7.3	20.2	YES	1100
27	11:47	1.31	83	108.7	22.3	7.2	18.6	YES	1100
28	1:07	1.08	83	89.6	21.1	7.3	20.4	YES	1100
29	1:00	1.14	83	94.6	21.5	7.4	20.8	YES	1100
30	2:40	1.16	83	96.3	22.5	7.4	19.4	YES	1100
31	6:34	1.36	83	112.9	23.3	7.4	18.9	YES	1100

<sup>3</sup> If Cl<sub>2</sub> 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: Aug.2024

Minimum UVT [%] during month: 97.5 Duty sensor variation from reference sensor: 3.3 %

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]	[ <sup>mW</sup> /cm <sup>2</sup> ]	[ Y or N ]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	1100	98.1	Y	873216	0	0
2	1100	97.6	Y	887808	0	0
3	1100	98.0	Y	1359872	0	0
4	1100	98.0	Y	549632	0	0
5	1100	98.2	Y	1080832	0	0
6	1100	97.8	Y	1064704	0	0
7	1100	97.8	Y	993792	0	0
8	1100	97.7	Y	979200	0	0
9	1100	98.3	Y	1257216	0	0
10	1100	97.5	Y	861440	0	0
11	1100	97.5	Y	1011200	0	0
12	1100	97.9	Y	1013504	0	0
13	1100	97.9	Y	1253376	0	0
14	1100	98.0	Y	482048	0	0
15	1100	98.0	Y	1563904	0	0
16	1100	98.0	Y	852992	0	0
17	1100	98.2	Y	555520	0	0
18	1100	98.4	Y	789504	0	0
19	1100	97.9	Y	897536	0	0
20	1100	98.2	Y	600320	0	0
21	1100	98.4	Y	1477376	0	0
22	1100	97.9	Y	494080	0	0
23	1100	98.3	Y	861440	0	0
24	1100	99.0	Y	568576	0	0
25	1100	98.0	Y	867328	0	0
26	1100	98.6	Y	790272	0	0
27	1100	98.0	Y	596244	0	0
28	1100	97.9	Y	955136	0	0
29	1100	97.6	Y	787200	0	0
30	1100	97.6	Y	1082624	0	0
31	1100	97.6	Y	577792	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: *Sam Ledbetter*

Op Cert #: 08622

Date: Sept. 5, 2024