

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A	Month/Year: 3/2024
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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	0.010	0.010	0.020	0.020	0.020	700
2	OFF	OFF	0.020	OFF	OFF	OFF	0.020	700
3	OFF	OFF	0.010	0.020	0.020	0.010	0.020	700
4	0.010	0.010	0.010	OFF	OFF	OFF	0.010	700
5	OFF	OFF	0.020	0.020	0.010	0.010	0.020	700
6	0.010	OFF	0.010	0.010	0.010	0.010	0.010	700
7	OFF	OFF	0.020	0.010	0.020	0.020	0.020	700
8	OFF	OFF	0.010	OFF	OFF	OFF	0.010	700
9	OFF	OFF	0.020	0.010	0.010	NIS	0.020	700
10	OFF	OFF	0.010	0.010	OFF	OFF	0.010	700
11	OFF	OFF	0.010	0.010	0.010	0.010	0.010	700
12	OFF	OFF	0.020	OFF	OFF	OFF	0.020	700
13	OFF	OFF	0.010	0.020	0.010	0.010	0.020	700
14	0.010	0.020	0.010	OFF	OFF	OFF	0.020	700
15	OFF	OFF	0.010	0.010	0.020	0.020	0.020	700
16	0.020	OFF	OFF	OFF	OFF	OFF	0.020	700
17	OFF	OFF	0.010	0.020	0.020	0.020	0.020	700
18	0.020	OFF	0.010	0.020	OFF	OFF	0.020	700
19	OFF	OFF	0.010	0.020	0.020	0.020	0.020	700
20	0.020	OFF	0.020	OFF	OFF	OFF	0.020	700
21	OFF	0.020	0.010	0.010	0.020	0.020	0.020	700
22	OFF	OFF	0.020	0.020	OFF	OFF	0.020	700
23	OFF	OFF	0.010	0.010	0.020	0.020	0.020	700
24	0.020	0.020	0.020	OFF	OFF	OFF	0.020	700
25	OFF	OFF	0.020	0.020	0.020	0.020	0.020	700
26	0.010	OFF	0.020	OFF	OFF	OFF	0.020	700
27	OFF	OFF	0.020	0.020	0.020	0.020	0.020	700
28	OFF	OFF	0.020	0.020	OFF	OFF	0.020	700
29	OFF	OFF	0.020	0.020	0.020	0.020	0.020	700
30	OFF	OFF	0.010	OFF	OFF	OFF	0.010	700
31	OFF	OFF	0.020	0.020	0.020	0.020	0.020	700

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

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


Oregon DHS - Drinking Water Program – Surface Water Quality Data

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

Minimum UVT [%] during month: 91.8 Duty sensor variation from reference sensor: 2.65 %

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	700	92.9	Y	651520	0	0
2	700	91.8	Y	122624	0	0
3	700	94.1	Y	678400	0	0
4	700	96.0	Y	334080	0	0
5	700	96.9	Y	842752	0	0
6	700	94.6	Y	537600	0	0
7	700	95.8	Y	631296	0	0
8	700	95.9	Y	260352	0	0
9	700	98.1	Y	646144	0	0
10	700	98.3	Y	295680	0	0
11	700	98.8	Y	714496	0	0
12	700	97.7	Y	221184	0	0
13	700	98.4	Y	754167	0	0
14	700	97.3	Y	279552	0	0
15	700	98.7	Y	854016	0	0
16	700	99.0	Y	127744	0	0
17	700	97.3	Y	840192	0	0
18	700	97.2	Y	328448	0	0
19	700	97.8	Y	809728	0	0
20	700	97.9	Y	194560	0	0
21	700	98.8	Y	854528	0	0
22	700	99.4	Y	305408	0	0
23	700	98.3	Y	601088	0	0
24	700	98.5	Y	214787	0	0
25	700	98.0	Y	859136	0	0
26	700	98.9	Y	175360	0	0
27	700	98.2	Y	798976	0	0
28	700	94.9	Y	355840	0	0
29	700	96.7	Y	708608	0	0
30	700	96.7	Y	160256	0	0
31	700	97.3	Y	808448	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature:  Op Cert #: 08622 Date: April 1, 2024

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP: A

System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Mar-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	21:08	0.86	83	71.4	9.4	7.4	45.4	YES	700
2	5:38	0.74	83	61.4	9.4	7.0	39.0	YES	700
3	7:59	0.63	83	52.3	8.8	7.4	46.1	YES	700
4	3:56	1.06	83	88.0	8.5	7.4	49.4	YES	700
5	9:50	0.79	83	65.6	8.3	7.3	46.8	YES	700
6	14:13	23:02	83	79.7	7.9	7.3	49.0	YES	700
7	8:06	0.98	83	81.3	8.5	7.2	45.6	YES	700
8	8:05	1.18	83	97.9	8.5	7.3	48.3	YES	700
9	8:47	1.02	83	84.7	8.7	7.1	43.6	YES	700
10	9:08	0.92	83	76.4	9.8	7.3	43.0	YES	700
11	9:26	0.83	83	68.9	9.3	7.3	44.0	YES	700
12	9:48	1.03	83	85.5	9.6	7.3	44.1	YES	700
13	10:49	0.92	83	76.4	9.5	7.3	43.9	YES	700
14	9:44	0.97	83	80.5	9.5	7.3	44.1	YES	700
15	7:27	0.84	83	69.7	9.8	7.2	41.2	YES	700
16	6:23	1.02	83	84.7	10.2	7.1	39.5	YES	700
17	8:43	0.73	83	60.6	10.9	6.8	33.0	YES	700
18	12:08	1.14	83	94.6	10.2	7.2	41.5	YES	700
19	10:23	0.89	83	73.9	10.8	7.1	37.5	YES	700
20	7:37	0.83	83	68.9	11.6	6.9	33.0	YES	700
21	3:20	0.79	83	65.6	11.1	7.2	37.6	YES	700
22	8:51	0.94	83	78.0	11.8	7.1	35.3	YES	700
23	8:56	0.88	83	73.0	11.6	7.1	35.5	YES	NIS
24	6:28	0.96	83	79.7	10.8	7.0	36.5	YES	700
25	9:21	0.93	83	77.2	10.9	7.2	38.7	YES	700
26	7:56	1.04	83	86.3	11.0	7.1	38.1	YES	700
27	8:20	1.05	83	87.2	11.3	7.1	36.9	YES	700
28	10:34	1.02	83	84.7	11.5	7.2	37.6	YES	700
29	8:29	0.89	83	73.9	10.5	7.2	39.6	YES	700
30	5:44	1.19	83	98.8	11.3	6.9	35.0	YES	700
31	9:21	1.04	83	86.3	11.2	7.0	35.9	YES	700

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

Revised October 2013