

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A Month/Year: Aug/23
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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	0.080	NIS	0.090	0.080	0.070	0.080	0.010	1100
2	NIS	NIS	0.080	0.080	0.080	0.080	0.080	1100
3	0.070	0.070	0.070	0.070	0.070	0.070	0.070	1100
4	NIS	NIS	0.060	0.060	0.070	NIS	0.010	1100
5	NIS	0.090	0.080	0.060	0.060	0.060	0.080	1100
6	0.060	NIS	0.070	0.060	0.060	0.060	0.070	1100
7	0.060	0.060	0.060	0.080	0.060	0.060	0.080	1100
8	0.060	0.080	0.090	0.080	0.070	0.060	0.060	1100
9	0.060	NIS	NIS	0.050	0.060	0.050	0.060	1100
10	0.060	NIS	0.050	0.060	0.050	0.060	0.060	1100
11	NIS	NIS	0.060	0.050	0.050	0.050	0.070	1100
12	0.050	0.060	0.070	NIS	NIS	0.070	0.070	1100
13	0.060	0.060	0.060	0.060	0.060	0.060	0.060	1100
14	0.060	0.060	0.060	0.060	0.060	0.060	0.060	1100
15	NIS	NIS	0.070	0.060	0.060	0.060	0.060	1100
16	0.060	0.070	0.060	0.060	0.060	0.060	0.070	1100
17	0.060	0.060	0.060	0.060	0.060	NIS	0.060	1100
18	NIS	0.070	0.060	0.060	0.060	NIS	0.070	1100
19	NIS	0.050	0.050	0.060	0.050	0.050	0.060	1100
20	NIS	NIS	0.070	0.050	0.050	0.060	0.070	1100
21	NIS	NIS	0.070	0.060	0.060	0.050	0.070	1100
22	0.050	0.050	NIS	NIS	0.060	0.050	0.060	1100
23	0.050	0.060	0.050	0.060	0.060	NIS	0.060	1100
24	NIS	0.060	0.060	0.060	0.060	0.060	0.060	1100
25	NIS	NIS	0.070	0.060	0.060	NIS	0.060	1100
26	NIS	NIS	0.060	0.060	0.060	0.060	0.060	1100
27	NIS	NIS	0.060	0.060	0.060	0.060	0.060	1100
28	NIS	NIS	0.070	0.060	0.060	0.060	0.070	1100
29	NIS	NIS	0.050	0.060	0.060	0.060	0.060	1100
30	0.060	0.060	0.060	0.070	0.060	NIS	0.070	1100
31	NIS	0.060	0.060	0.060	0.060	NIS	0.070	1100

<p style="text-align: center;">Conventional or Direct Filtration</p> <p>95% of the 4-hour turbidity readings ≤ 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 / No ²</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
Slow Sand/Cartridge Membrane DE Filtration	SIGNATURE: <i>Steve Ledbetter</i> DATE: 09/05/2023
95% of turbidity readings < 1 NTU? Yes No	PHONE: 541-863-3171 CERT #: 08622
All turbidity readings < 5 NTU? Yes No	
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

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP: A

System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Aug-23

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	19:54	1.26	83	104.6	24.6	8.5	25.8	YES	1100
2	7:46	1.15	83	95.5	24.8	8.3	23.3	YES	1100
3	16:51	1.02	83	84.7	24.9	8.1	21.2	YES	1100
4	6:27	0.99	83	82.2	25.1	8.2	21.6	YES	1100
5	12:01	1.07	83	88.8	25.1	7.9	19.5	YES	1100
6	12:27	1.13	83	93.8	26.1	8.1	19.8	YES	1100
7	6:38	0.79	83	65.6	26.0	8.1	19.1	YES	1100
8	14:58	1.00	83	83.0	26.2	7.8	17.3	YES	1100
9	10:55	0.97	83	80.5	26.1	8.0	18.7	YES	1100
10	18:45	0.54	83	44.8	26.1	8.0	17.8	YES	1100
11	11:41	0.94	83	78.0	25.3	7.9	18.9	YES	1100
12	8:52	0.93	83	77.2	25.2	7.9	19.0	YES	1100
13	21:55	0.69	83	57.3	25.6	7.9	18.0	YES	1100
14	6:02	0.75	83	62.3	26.2	7.9	17.4	YES	1100
15	8:44	0.45	83	37.4	27.3	7.8	15.0	YES	1100
16	3:14	1.50	83	124.5	27.3	7.8	17.0	YES	1100
17	9:07	1.51	83	125.3	27.9	7.8	16.3	YES	1100
18	3:39	1.29	83	107.1	26.4	7.8	17.6	YES	1100
19	12:35	1.51	83	125.3	25.1	7.4	17.0	YES	1100
20	7:31	1.37	83	113.7	24.8	7.8	19.8	YES	1100
21	8:33	1.32	83	109.6	24.1	7.8	20.7	YES	1100
22	15:47	1.32	83	109.6	24.0	7.9	21.6	YES	1100
23	10:17	1.30	83	107.9	22.7	7.7	21.8	YES	1100
24	20:43	1.43	83	118.7	22.9	7.8	22.7	YES	1100
25	7:46	1.30	83	107.9	24.1	7.8	20.6	YES	1100
26	14:08	1.33	83	110.4	24.0	7.7	20.1	YES	1100
27	7:21	1.18	83	97.9	24.3	7.7	19.3	YES	1100
28	7:00	1.03	83	85.5	23.6	7.7	19.9	YES	1100
29	8:11	1.42	83	117.9	22.8	7.8	22.8	YES	1100
30	7:42	1.41	83	117.0	22.5	7.7	22.4	YES	1100
31	3:57	1.33	83	110.4	22.6	7.7	22.0	YES	1100

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: Aug.2023

Minimum UVT [%] during month: 97.1 Duty sensor variation from reference sensor: 3.0 %

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	97.10	Y	992512	0	0
2	1100	96.60	Y	1038848	0	0
3	1100	96.90	Y	1078016	0	0
4	1100	97.30	Y	842240	0	0
5	1100	97.60	Y	1275136	0	0
6	1100	97.30	Y	846592	0	0
7	1100	97.90	Y	1307136	0	0
8	1100	98.10	Y	1228544	0	0
9	1100	97.30	Y	1063680	0	0
10	1100	98.10	Y	1055744	0	0
11	1100	97.60	Y	1138176	0	0
12	1100	97.20	Y	1084672	0	0
13	1100	98.10	Y	1207296	0	0
14	1100	98.10	Y	1236992	0	0
15	1100	98.30	Y	1153792	0	0
16	1100	97.60	Y	1262336	0	0
17	1100	98.40	Y	1066752	0	0
18	1100	97.70	Y	1060352	0	0
19	1100	97.30	Y	1201920	0	0
20	1100	98.60	Y	1057792	0	0
21	1100	97.70	Y	1134848	0	0
22	1100	98.20	Y	1111040	0	0
23	1100	97.70	Y	783616	0	0
24	1100	97.10	Y	1326592	0	0
25	1100	97.90	Y	780032	0	0
26	1100	97.60	Y	1094656	0	0
27	1100	98.10	Y	875008	0	0
28	1100	97.80	Y	1109760	0	0
29	1100	98.40	Y	1117440	0	0
30	1100	97.70	Y	803072	0	0
31	1100	97.40	Y	893952	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: *Kevin Bellotti*

Op Cert #: 08622

Date: September 5, 2023