

**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> Sept/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	NIS	0.060	0.060	0.050	NIS	NIS	0.060	1100
2	NIS	0.060	0.060	0.060	NIS	NIS	0.060	1100
3	NIS	NIS	0.070	0.060	0.060	0.060	0.070	1100
4	NIS	NIS	0.070	0.060	NIS	NIS	0.070	1100
5	NIS	0.060	0.060	0.060	0.060	NIS	0.060	1100
6	NIS	0.060	0.060	0.060	0.060	NIS	0.060	1100
7	NIS	NIS	0.060	0.060	0.060	NIS	0.060	1100
8	NIS	NIS	0.060	0.060	0.060	0.060	0.160	1100
9	NIS	NIS	0.060	0.060	NIS	0.060	0.060	1100
10	0.060	0.070	NIS	NIS	0.070	0.060	0.070	1100
11	NIS	NIS	0.070	0.060	0.060	NIS	0.070	1100
12	NIS	0.070	0.070	0.060	0.090	0.170	0.170	1100
13	0.120	NIS	0.100	0.120	NIS	NIS	0.120	1100
14	0.120	0.080	0.070	0.060	0.060	NIS	0.120	1100
15	NIS	NIS	0.060	0.060	0.060	NIS	0.070	1100
16	NIS	NIS	0.060	0.060	0.060	NIS	0.060	1100
17	NIS	NIS	0.060	0.060	0.060	0.060	0.060	1100
18	NIS	NIS	0.060	0.060	0.060	0.060	0.060	1100
19	NIS	NIS	0.060	0.060	0.050	0.040	0.060	1100
20	NIS	NIS	0.050	0.030	NIS	NIS	0.050	1100
21	NIS	0.040	0.040	0.040	0.030	0.030	0.040	1100
22	NIS	NIS	0.040	0.030	0.030	NIS	0.050	1100
23	NIS	NIS	0.030	0.030	NIS	NIS	0.040	1100
24	NIS	0.050	0.030	0.030	NIS	NIS	0.050	1100
25	NIS	0.040	0.030	0.030	0.030	NIS	0.030	1100
26	NIS	NIS	0.040	0.030	NIS	NIS	0.050	1100
27	NIS	0.050	0.030	NIS	NIS	NIS	0.050	1100
28	NIS	0.040	0.030	NIS	NIS	NIS	0.060	1100
29	NIS	0.060	0.030	NIS	NIS	0.040	0.050	1100
30	NIS	NIS	0.040	0.030	NIS	NIS	0.050	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> All the 4-hour turbidity readings < 1 NTU? <b>Yes / No</b> All turbidity readings < IFE triggers? <b>Yes / No</b> <sup>2</sup>	Is volume of off-spec water produced less than 5% in the month? <b>Yes</b> <b>No</b>	
<b>OR</b>	PRINTED NAME: Steve Ledbetter	
<b>Slow Sand/Cartridge/Membrane/DE Filtration</b>	SIGNATURE: <i>Steve Ledbetter</i>	DATE: October 2, 2023
95% of turbidity readings < 1 NTU? <b>Yes</b>   <b>No</b> All turbidity readings < 5 NTU? <b>Yes</b>   <b>No</b>	PHONE: 541-963-3171	CERT #: 08622
<b>Is there 4-log virus inactivation provided with</b> <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other	<b>Yes</b> / <b>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 "8 PM" may not correspond to continuous readings maximum. <sup>2</sup> IFE = Individual Filter Effluent. (OAR 333-061-0040 (1)(d)(B&C))


**Oregon DHS - Drinking Water Program – Surface Water Quality Data**

**System Name:** City of Myrtle Creek **PWS ID#:** 41-00550A **Month/Year:** Sept/23

Minimum UVT [%] during month: 97.2 Duty sensor variation from reference sensor: 2.5 %

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	98.00	Y	857344	0	0
2	1100	97.90	Y	813056	0	0
3	1100	98.40	Y	1105408	0	0
4	1100	98.40	Y	656896	0	0
5	1100	98.00	Y	932608	0	0
6	1100	97.90	Y	811776	0	0
7	1100	98.40	Y	1103872	0	0
8	1100	97.90	Y	1028096	0	0
9	1100	97.90	Y	915712	0	0
10	1100	98.30	Y	884736	0	0
11	1100	98.40	Y	586496	0	0
12	1100	98.50	Y	1117952	0	0
13	1100	97.40	Y	619520	0	0
14	1100	97.40	Y	967424	0	0
15	1100	98.80	Y	962560	0	0
16	1100	98.50	Y	771840	0	0
17	1100	97.80	Y	1056000	0	0
18	1100	98.50	Y	953088	0	0
19	1100	97.50	Y	867584	0	0
20	1100	97.20	Y	502784	0	0
21	1100	97.90	Y	1050112	0	0
22	1100	97.90	Y	733136	0	0
23	1100	97.30	Y	596224	0	0
24	1100	97.50	Y	783872	0	0
25	1100	98.20	Y	939520	0	0
26	1100	98.10	Y	492032	0	0
27	1100	98.00	Y	567296	0	0
28	1100	97.30	Y	585216	0	0
29	1100	97.70	Y	850432	0	0
30	1100	97.60	Y	343296	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature:  Op Cert #: 08622 Date: October 2, 2023

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP: A

Disinfection *Giardia*

Log Inactiv: 1.0

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

Date	Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup> [ppm or mg/L]	Contact Time (T) [minutes]	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
				C X T	[° C]		formula	Yes / No	[GPM]
1	5:39	1.33	83	110.4	21.9	7.5	21.4	YES	1100
2	5:09	1.30	83	107.9	21.8	7.6	22.3	YES	1100
3	8:02	1.11	83	92.1	21.9	7.6	21.7	YES	1100
4	7:47	1.37	83	113.7	22.4	7.7	22.4	YES	1100
5	4:04	1.32	83	109.6	20.5	7.7	25.4	YES	1100
6	5:25	1.38	83	114.5	20.7	7.8	26.2	YES	1100
7	6:03	1.21	83	100.4	20.9	7.7	24.4	YES	1100
8	8:12	1.21	83	100.4	21.6	7.7	23.3	YES	1100
9	7:07	1.33	83	110.4	21.6	7.7	23.6	YES	1100
10	17:51	1.19	83	98.8	22.3	7.9	23.9	YES	1100
11	12:31	1.29	83	107.1	22.3	7.8	23.2	YES	1100
12	4:08	1.26	83	104.6	22.0	7.8	23.6	YES	1100
13	7:30	1.35	83	112.1	22.4	7.9	24.1	YES	1100
14	1:26	1.24	83	102.9	22.2	7.8	23.3	YES	1100
15	6:39	1.08	83	89.6	22.5	7.8	22.4	YES	1100
16	17:36	1.33	83	110.4	22.2	7.8	23.5	YES	1100
17	8:50	0.98	83	81.3	22.5	7.7	21.3	YES	1100
18	8:46	0.98	83	81.3	22.3	7.8	22.4	YES	1100
19	15:00	1.25	83	103.8	21.8	7.8	23.9	YES	1100
20	7:37	1.18	83	97.9	20.8	7.8	25.4	YES	1100
21	4:22	1.14	83	94.6	19.4	7.8	27.8	YES	1100
22	6:36	1.23	83	102.1	19.4	8.0	30.2	YES	1100
23	5:30	1.30	83	107.9	19.2	7.6	26.6	YES	1100
24	4:25	1.10	83	91.3	18.8	7.8	28.8	YES	1100
25	11:40	1.47	83	122.0	18.2	7.9	32.4	YES	1100
26	7:48	1.30	83	107.9	18.0	7.7	29.9	YES	1100
27	4:26	1.21	83	100.4	18.0	7.8	30.7	YES	1100
28	4:47	7.58	83	629.1	17.6	7.7	62.5	YES	1100
29	19:48	1.26	83	104.6	18.3	7.8	30.3	YES	1100
30	9:12	1.22	83	101.3	18.5	7.7	28.7	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