

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	NIS	0.050	0.030	NIS	NIS	NIS	0.050	1100
2	0.030	0.050	0.040	0.030	0.040	NIS	0.050	1100
3	NIS	NIS	NIS	NIS	0.060	0.040	0.060	900
4	0.030	0.040	NIS	0.050	NIS	NIS	0.050	900
5	NIS	NIS	0.040	0.040	0.030	0.030	0.040	900
6	NIS	NIS	0.040	0.040	NIS	NIS	0.060	900
7	NIS	NIS	0.050	0.030	0.030	NIS	0.070	900
8	NIS	NIS	0.050	0.040	0.030	NIS	0.050	900
9	NIS	NIS	0.040	0.060	NIS	NIS	0.060	900
10	NIS	NIS	0.100	0.060	0.040	0.040	0.100	900
11	NIS	NIS	0.040	0.030	NIS	NIS	0.040	900
12	NIS	NIS	NIS	0.040	0.040	0.030	0.040	900
13	0.030	0.030	0.040	NIS	NIS	NIS	0.050	900
14	NIS	NIS	0.040	0.030	0.030	0.040	0.050	900
15	0.030	NIS	0.050	NIS	NIS	NIS	0.050	900
16	NIS	NIS	0.040	0.030	0.030	0.030	0.040	900
17	NIS	NIS	NIS	NIS	0.040	0.030	0.040	900
18	NIS	NIS	NIS	NIS	0.040	0.030	0.040	900
19	0.040	NIS	NIS	0.050	0.030	NIS	0.050	900
20	NIS	NIS	0.030	0.050	0.030	NIS	0.060	900
21	NIS	NIS	0.040	0.030	0.030	NIS	0.050	900
22	NIS	NIS	0.050	0.040	0.030	NIS	0.050	900
23	NIS	NIS	0.060	0.040	NIS	NIS	0.060	900
24	NIS	NIS	0.030	0.030	0.040	NIS	0.040	900
25	NIS	NIS	NIS	0.040	0.030	0.030	0.040	900
26	NIS	NIS	NIS	NIS	0.040	0.060	0.060	900
27	0.040	NIS	0.060	0.030	NIS	NIS	0.090	900
28	NIS	NIS	0.040	0.040	0.040	0.050	0.050	900
29	NIS	NIS	0.040	0.050	0.070	0.070	0.070	900
30	0.060	NIS	NIS	0.040	0.030	NIS	0.060	900
31	NIS	NIS	0.040	0.040	0.030	0.030	0.040	900

<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: 11/1/2023
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 CT _{Viral} : 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: Oct. 2023

Minimum UVT [%] during month: 94.9 Duty sensor variation from reference sensor: 1.75 %

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} / _{cm²}]	[Y or N]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	1100	97.2	Y	607744	0	0
2	1100	98.4	Y	720384	0	0
3	1100	98.0	Y	633856	0	0
4	900	96.4	Y	433920	0	0
5	900	95.4	Y	796416	0	0
6	900	96.5	Y	341504	0	0
7	900	97.6	Y	715008	0	0
8	900	97.1	Y	624128	0	0
9	900	98.2	Y	407040	0	0
10	900	98.1	Y	687104	0	0
11	900	96.8	Y	491008	0	0
12	900	96.3	Y	642304	0	0
13	900	98.0	Y	480000	0	0
14	900	96.6	Y	842752	0	0
15	900	97.8	Y	142592	0	0
16	900	96.0	Y	1020416	0	0
17	900	97.2	Y	535296	0	0
18	900	96.4	Y	515328	0	0
19	900	94.5	Y	482304	0	0
20	900	94.9	Y	495104	0	0
21	900	97.6	Y	591616	0	0
22	900	97.7	Y	537600	0	0
23	900	96.5	Y	410112	0	0
24	900	97.1	Y	496128	0	0
25	900	96.4	Y	729344	0	0
26	900	98.1	Y	387840	0	0
27	900	99.0	Y	443648	0	0
28	900	97.5	Y	684544	0	0
29	900	97.9	Y	512256	0	0
30	900	98.0	Y	465664	0	0
31	900	97.4	Y	795392	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: *Sam Bellotti*

Op Cert #: 08622 Date: 11/1/2023

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP: A

System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Oct-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	4:43	1.04	83	86.3	16.9	7.6	30.1	YES	1100
2	8:51	1.26	83	104.6	16.4	7.5	30.8	YES	1100
3	15:14	0.95	83	78.9	17.8	7.7	29.1	YES	1100
4	10:40	1.21	83	100.4	18.1	7.7	29.4	YES	900
5	9:56	1.08	83	89.6	18.2	7.6	27.7	YES	900
6	8:40	1.17	83	97.1	18.5	7.7	28.5	YES	900
7	6:29	1.21	83	100.4	18.9	7.8	28.9	YES	900
8	8:19	1.31	83	108.7	19.5	7.6	26.1	YES	900
9	9:01	1.35	83	112.1	19.6	7.6	26.0	YES	900
10	8:36	1.11	83	92.1	18.5	7.7	28.3	YES	900
11	8:53	1.29	83	107.1	18.1	7.4	26.5	YES	900
12	13:43	1.17	83	97.1	17.8	7.6	28.8	YES	900
13	2:02	1.32	83	109.6	16.9	7.6	31.1	YES	900
14	7:18	1.19	83	98.8	17.0	7.6	30.4	YES	900
15	8:07	1.66	83	137.8	16.7	7.4	30.4	YES	900
16	9:09	1.39	83	115.4	16.9	7.4	29.1	YES	900
17	15:34	1.22	83	101.3	17.7	7.6	29.1	YES	900
18	16:44	1.20	83	99.6	17.8	7.7	30.0	YES	900
19	11:23	1.33	83	110.4	17.9	7.5	28.1	YES	900
20	10:24	1.08	83	89.6	18.1	7.5	26.9	YES	900
21	8:31	1.25	83	103.8	18.4	7.6	27.9	YES	900
22	9:15	1.16	83	96.3	17.9	7.5	27.5	YES	900
23	9:00	1.17	83	97.1	17.2	7.5	28.9	YES	900
24	9:02	1.19	83	98.8	16.6	7.6	31.3	YES	900
25	11:27	1.19	83	98.8	15.6	7.6	33.4	YES	900
26	16:47	1.27	83	105.4	15.4	7.7	35.4	YES	900
27	7:52	1.31	83	108.7	14.6	7.3	32.4	YES	900
28	8:33	1.27	83	105.4	13.7	7.6	38.2	YES	900
29	9:31	1.30	83	107.9	12.7	7.6	41.0	YES	900
30	10:08	1.21	83	100.4	12.3	7.6	41.9	YES	900
31	10:14	1.18	83	97.9	12.4	7.3	37.4	YES	900

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

Revised October 2013