

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A	Month/Year: 3/2023
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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	NIS	0.010	NIS	NIS	NIS	0.010	700
2	NIS	NIS	NIS	0.010	0.010	0.010	0.010	700
3	NIS	NIS	NIS	0.010	NIS	NIS	0.010	700
4	NIS	NIS	0.010	0.010	0.010	NIS	0.010	700
5	NIS	NIS	0.010	0.010	0.010	NIS	0.010	700
6	NIS	NIS	NIS	NIS	NIS	NIS	NIS	700
7	NIS	NIS	NIS	0.010	0.010	0.010	0.010	700
8	0.010	0.010	0.010	0.010	0.010	NIS	0.010	700
9	NIS	NIS	0.010	0.010	0.010	NIS	0.010	700
10	NIS	NIS	NIS	0.010	0.010	0.010	0.020	700
11	NIS	NIS	0.010	NIS	NIS	NIS	0.010	700
12	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
13	NIS	NIS	0.010	0.010	NIS	NIS	0.010	700
14	NIS	NIS	NIS	NIS	NIS	NIS	NIS	700
15	NIS	NIS	NIS	0.010	0.010	0.010	0.010	700
16	NIS	NIS	0.010	0.010	0.010	0.010	0.020	700
17	0.010	0.010	NIS	NIS	0.010	0.010	0.010	700
18	NIS	NIS	0.010	NIS	NIS	NIS	0.010	700
19	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
20	0.010	NIS	0.010	0.010	NIS	NIS	0.010	700
21	NIS	NIS	NIS	0.010	0.010	0.010	0.010	700
22	0.010	NIS	0.010	0.010	0.020	NIS	0.020	700
23	NIS	NIS	NIS	NIS	NIS	NIS	NIS	700
24	NIS	NIS	NIS	0.010	0.010	0.010	0.020	700
25	0.010	0.010	NIS	NIS	NIS	NIS	0.010	700
26	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
27	0.010	NIS	NIS	0.020	0.010	0.010	0.010	700
28	NIS	NIS	NIS	0.010	0.010	0.010	0.010	700
29	0.010	NIS	0.010	0.010	NIS	NIS	0.010	700
30	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
31	0.010	NIS	0.010	NIS	NIS	NIS	0.010	700

Conventional or Direct Filtration	Monthly UV Summary (Circle Yes or No)	
95% of the 4-hour turbidity readings \leq 0.3 NTU? Yes / No	Is volume of off-spec water produced less than 5% in the month? Yes / No	
All the 4-hour turbidity readings < 1 NTU? Yes / No	Yes / No	
All turbidity readings < IFE triggers? Yes / No		
OR	PRINTED NAME: Steve Ledbetter	
Slow Sand/Cartridge/Membrane/DF Filtration	SIGNATURE: <i>Steve Ledbetter</i>	DATE: April 7, 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

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP: A

System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Mar-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	8:34	0.91	83	75.5	6.8	7.7	60.6	YES	700
2	9:35	0.86	83	71.4	6.9	7.5	55.7	YES	700
3	8:34	1.03	83	85.5	7.0	7.7	60.6	YES	700
4	7:21	1.01	83	83.8	8.0	7.6	54.5	YES	700
5	0:14	1.00	83	83.0	8.0	7.7	56.4	YES	700
6	NIS	NIS	83	#VALUE!	NIS	NIS	#VALUE!	#VALUE!	NIS
7	11:39	0.92	83	76.4	8.1	7.6	53.6	YES	700
8	11:07	1.18	83	97.9	7.3	7.6	58.3	YES	700
9	10:39	1.05	83	87.2	8.2	7.7	56.0	YES	700
10	21:27	1.04	83	86.3	8.0	7.6	54.7	YES	700
11	6:33	0.91	83	75.5	8.7	7.4	47.9	YES	700
12	7:50	0.83	83	68.9	8.8	7.4	47.1	YES	700
13	13:38	1.11	83	92.1	9.3	7.4	47.1	YES	700
14	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS
15	0:20	1.02	83	84.7	8.8	7.2	44.9	YES	700
16	12:43	0.91	83	75.5	8.0	7.0	43.5	YES	700
17	14:40	1.16	83	96.3	9.6	7.2	43.2	YES	700
18	6:47	1.18	83	97.9	9.1	7.1	43.2	YES	700
19	16:09	1.03	83	85.5	9.3	7.1	42.0	YES	700
20	9:30	1.11	83	92.1	9.4	7.1	42.1	YES	700
21	11:57	1.02	83	84.7	9.5	7.2	42.8	YES	700
22	18:54	0.99	83	82.2	9.3	7.1	41.8	YES	700
23	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS
24	9:52	0.82	83	68.1	8.9	6.8	37.9	YES	700
25	20:10	1.05	83	87.2	8.7	7.0	42.2	YES	700
26	8:50	0.97	83	80.5	8.2	7.1	44.8	YES	700
27	14:19	1.05	83	87.2	8.5	7.1	44.3	YES	700
28	11:04	0.99	83	82.2	8.0	7.1	45.5	YES	700
29	12:06	0.94	83	78.0	8.8	7.0	41.5	YES	700
30	9:20	0.90	83	74.7	8.9	7.1	42.5	YES	700
31	9:23	1.17	83	97.1	9	7.0	42.0	YES	700

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: Mar. 2023

Minimum UVT [%] during month: 95.2 Duty sensor variation from reference sensor: 1.65 %

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	96.90	Y	294400	0	0
2	700	97.10	Y	640512	0	0
3	700	97.30	Y	350720	0	0
4	700	97.80	Y	514304	0	0
5	700	98.30	Y	532224	0	0
6	700	NIS	NIS	NIS	NIS	#VALUE!
7	700	97.40	Y	669696	0	0
8	700	98.20	Y	659968	0	0
9	700	97.40	Y	522240	0	0
10	700	98.50	Y	519936	0	0
11	700	94.00	Y	143616	0	0
12	700	96.60	Y	786176	0	0
13	700	97.90	Y	304640	0	0
14	700	NIS	NIS	NIS	NIS	#VALUE!
15	700	95.20	Y	678400	0	0
16	700	96.80	Y	703232	0	0
17	700	97.70	Y	542976	0	0
18	700	97.80	Y	231168	0	0
19	700	98.80	Y	735744	0	0
20	700	99.00	Y	241152	0	0
21	700	99.20	Y	707584	0	0
22	700	99.20	Y	378880	0	0
23	700	NIS	NIS	NIS	NIS	#VALUE!
24	700	98.60	Y	778240	0	0
25	700	98.60	Y	262400	0	0
26	700	98.70	Y	846848	0	0
27	700	98.40	Y	408576	0	0
28	700	98.70	Y	579328	0	0
29	700	95.60	Y	229120	0	0
30	700	97.90	Y	751360	0	0
31	700	98.80	Y	163072	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: *Sam Ledbetter*

Op Cert #: 08622

Date: April 7, 2023