

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A	Month/Year: Nov/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	0.020	NIS	0.500	0.060	0.060	900
2	0.090	0.070	0.070	0.120	0.080	0.050	0.120	900
3	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
4	NIS	NIS	0.020	0.020	NIS	NIS	0.030	900
5	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
6	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
7	NIS	NIS	0.020	0.020	0.010	0.020	0.020	900
8	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
9	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
10	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
11	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
12	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
13	NIS	NIS	0.020	0.010	0.020	0.020	0.020	900
14	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
15	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
16	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
17	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
18	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
19	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
20	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
21	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
22	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
23	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
24	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
25	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
26	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
27	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
28	NIS	NIS	0.020	0.010	0.010	0.010	0.020	900
29	NIS	NIS	0.010	0.010	NIS	NIS	0.020	900
30	NIS	NIS	0.010	0.010	0.010	NIS	0.020	900

Conventional or Direct Filtration	Monthly UV Summary (Circle Yes or No)	
95% of the 4-hour turbidity readings ≤ 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		
All turbidity readings < IFE triggers? Yes / No ²		
OR	PRINTED NAME: Steven Ledbetter	
Slow Sand/Cartridge/Membrane/DE Filtration	SIGNATURE: <i>Steven Ledbetter</i>	DATE: 12/4/2023
95% of turbidity readings < 1 NTU? Yes No	PHONE: 541-378-6602	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 "8 PM" may not correspond to continuous readings maximum. ² IFE = Individual Filter Effluent. (OAR 333-061-0040 (1)(d)(B&C))

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP: A

System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Nov-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	7:24	1.33	83	110.4	11.7	7.7	45.8	YES	900
2	10:55	1.34	83	111.2	13.2	7.6	39.9	YES	900
3	13:43	1.28	83	106.2	13.1	7.9	44.5	YES	900
4	7:32	1.12	83	93.0	15.0	7.5	33.2	YES	900
5	8:15	1.17	83	97.1	14.6	7.5	34.3	YES	900
6	8:10	0.90	83	74.7	14.3	7.5	34.0	YES	900
7	14:29	1.03	83	85.5	14.0	7.5	35.2	YES	900
8	11:05	1.17	83	97.1	12.8	7.5	38.7	YES	900
9	06:49	1.19	83	98.8	12.4	7.3	37.4	YES	900
10	6:49	1.20	83	99.6	12.2	7.5	40.7	YES	900
11	7:07	1.23	83	102.1	12.1	7.4	39.7	YES	900
12	7:11	1.18	83	97.9	12.2	7.6	42.0	YES	900
13	7:00	1.25	83	103.8	12.2	7.6	42.4	YES	900
14	7:07	1.26	83	104.6	12.6	7.6	41.1	YES	900
15	7:05	1.22	83	101.3	12.8	7.6	40.4	YES	900
16	7:15	1.08	83	89.6	12.8	7.5	38.3	YES	900
17	7:22	1.01	83	83.8	12.9	7.4	36.4	YES	900
18	5:21	1.18	83	97.9	12.9	7.8	43.0	YES	900
19	5:55	1.06	83	88.0	12.3	7.5	39.8	YES	900
20	7:16	1.02	83	84.7	11.5	7.7	44.8	YES	900
21	7:21	0.90	83	74.7	11.1	7.5	42.3	YES	900
22	7:45	0.85	83	70.6	10.7	7.5	43.2	YES	900
23	7:03	0.81	83	67.2	10.2	7.6	46.0	YES	900
24	6:10	0.98	83	81.3	9.9	7.6	47.8	YES	900
25	6:13	1.10	83	91.3	9.7	7.5	47.4	YES	900
26	5:25	1.04	83	86.3	9.3	7.5	48.4	YES	900
27	7:12	1.00	83	83.0	8.3	7.6	53.4	YES	900
28	7:50	1.01	83	83.8	7.8	7.6	55.2	YES	900
29	7:15	1.06	83	88.0	7.4	8.1	68.4	YES	900
30	7:07	1.05	83	87.2	7.4	8.3	73.5	YES	900

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: Nov. 23

Minimum UVT [%] during month: 89.3 Duty sensor variation from reference sensor: 2.15 %

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	900	96.70	Y	375296	0	0
2	900	94.20	Y	781312	0	0
3	900	95.30	Y	479744	0	0
4	900	95.00	Y	516608	0	0
5	900	94.60	Y	567040	0	0
6	900	90.10	Y	512256	0	0
7	900	90.60	Y	776192	0	0
8	900	89.30	Y	437760	0	0
9	900	91.80	Y	648704	0	0
10	900	94.10	Y	710830	0	0
11	900	95.20	Y	714240	0	0
12	900	96.00	Y	451840	0	0
13	900	95.00	Y	720896	0	0
14	900	93.10	Y	510976	0	0
15	900	96.20	Y	618496	0	0
16	900	95.90	Y	461824	0	0
17	900	97.90	Y	708096	0	0
18	900	96.93	Y	212736	0	0
19	900	95.70	Y	822528	0	0
20	900	96.10	Y	346888	0	0
21	900	92.50	Y	532224	0	0
22	900	94.10	Y	547840	0	0
23	900	92.80	Y	483840	0	0
24	900	95.00	Y	398592	0	0
25	900	97.40	Y	561152	0	0
26	900	98.40	Y	397568	0	0
27	900	97.50	Y	841472	0	0
28	900	98.40	Y	363264	0	0
29	900	98.40	Y	507392	0	0
30	900	98.60	Y	637184	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature:  Op Cert #: 08622 Date: December 4, 2023