

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A	Month/Year: Nov/2021
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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	NIS	0.050	0.040	0.040	0.070	1100
2	NIS	NIS	0.040	0.040	NIS	NIS	0.060	1100
3	NIS	NIS	NIS	0.040	0.040	NIS	0.070	1100
4	NIS	NIS	0.050	0.050	NIS	NIS	0.060	1100
5	NIS	NIS	NIS	0.050	NIS	NIS	0.070	1100
6	NIS	NIS	0.050	0.050	NIS	NIS	0.050	1100
7	NIS	NIS	0.050	0.050	NIS	NIS	0.080	1100
8	NIS	NIS	0.040	0.040	NIS	NIS	0.080	1100
9	NIS	NIS	0.080	0.040	NIS	NIS	0.080	1100
10	NIS	NIS	NIS	0.050	0.040	NIS	0.090	900
11	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS
12	NIS	NIS	NIS	0.050	0.040	0.040	0.060	900
13	0.050	NIS	NIS	NIS	NIS	NIS	NIS	NIS
14	NIS	NIS	0.050	0.040	NIS	NIS	0.050	900
15	NIS	NIS	0.040	0.050	0.040	0.050	0.050	900
16	NIS	NIS	0.040	0.050	0.050	0.050	0.050	900
17	NIS	NIS	NIS	0.050	0.050	NIS	0.050	900
18	NIS	NIS	0.050	0.040	NIS	NIS	0.050	900
19	NIS	NIS	0.040	0.050	0.050	NIS	0.080	900
20	NIS	NIS	0.050	NIS	NIS	NIS	0.070	900
21	NIS	NIS	0.050	NIS	NIS	NIS	0.050	900
22	NIS	NIS	NIS	0.050	0.040	NIS	0.070	900
23	NIS	NIS	0.040	NIS	NIS	NIS	0.050	900
24	NIS	NIS	0.040	0.050	0.040	NIS	0.050	900
25	NIS	NIS	0.040	0.050	NIS	NIS	0.050	900
26	NIS	NIS	0.040	0.050	NIS	NIS	0.090	900
27	NIS	NIS	0.050	0.040	NIS	NIS	0.050	900
28	NIS	NIS	0.040	0.050	0.040	NIS	0.060	900
29	NIS	NIS	0.070	0.050	NIS	NIS	0.060	900
30	NIS	NIS	NIS	0.050	0.050	NIS	0.060	900

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?	
All the 4-hour turbidity readings < 1 NTU?	Yes / No	Yes / No	
All turbidity readings < IFE triggers?	Yes / No ²		
OR		PRINTED NAME: Sean Negherbon	
Slow Sand/Cartridge/Membrane/DE Filtration		SIGNATURE: 	DATE: 12/3/2021
95% of turbidity readings < 1 NTU?	Yes / No	PHONE: 541-863-3171	CERT #: 6111
All turbidity readings < 5 NTU?	Yes / No		
Is there 4-log virus inactivation provided with ☒ Chlorine; ☐ 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-21
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	8:51	0.49	83	40.7	15.3	7.40	29.2	YES	1100
2	8:44	0.57	83	47.3	15.1	7.50	31.0	YES	1100
3	12:31	0.54	83	44.8	15.2	7.50	30.7	YES	1100
4	9:49	0.92	83	76.4	15.6	7.40	30.1	YES	1100
5	12:37	0.66	83	54.8	14.2	7.50	33.3	YES	1100
6	6:44	0.43	83	35.7	13.6	7.60	35.0	YES	1100
7	7:30	1.18	83	97.9	12.9	7.60	39.9	YES	1100
8	9:13	1.48	83	122.8	12.0	7.60	44.0	YES	1100
9	10:35	1.35	83	112.1	12.3	7.50	41.1	YES	1100
10	11:56	1.19	83	98.8	12.3	7.60	41.8	YES	900
11	NIS								
12	12:19	1.34	83	111.2	13.5	7.30	35.0	YES	900
13	NIS								
14	21:41	1.40	83	116.2	13.7	7.60	38.8	YES	900
15	21:34	1.43	83	118.7	14.0	7.50	36.8	YES	900
16	12:10	1.07	83	88.8	13.0	7.50	37.8	YES	900
17	12:36	1.14	83	94.6	12.2	7.50	40.4	YES	900
18	9:36	1.15	83	95.5	11.5	7.50	42.3	YES	900
19	16:20	1.35	83	112.1	11.7	7.50	42.7	YES	900
20	7:40	1.24	83	102.9	11.7	7.50	42.2	YES	900
21	7:13	1.35	83	112.1	10.8	7.50	45.4	YES	900
22	9:17	1.12	83	93.0	10.8	7.60	45.8	YES	900
23	9:44	1.32	83	109.6	10.6	7.60	47.5	YES	900
24	12:26	1.28	83	106.2	10.0	7.60	49.2	YES	900
25	10:59	1.11	83	92.1	9.6	7.60	49.5	YES	900
26	10:43	1.43	83	118.7	10.1	7.60	49.7	YES	900
27	6:25	1.30	83	107.9	10.4	7.60	48.0	YES	900
28	10:43	1.34	83	111.2	11.2	7.50	44.1	YES	900
29	1:23	1.34	83	111.2	11.5	7.60	44.8	YES	900
30	10:47	1.26	83	104.6	11.5	7.60	44.4	YES	900

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

Revised October 2013

Oregon DHS - Drinking Water Program – Surface Water Quality Data**System Name:** City of Myrtle Creek **PWS ID#:** 41-00550A**Month/Year:** NOV/2021

Minimum UVT [%] during month: 93.0% Duty sensor variation from reference sensor: 5.2%

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	577728	0	0
2	1100	98.10	Y	245760	0	0
3	1100	97.10	Y	346944	0	0
4	1100	98.30	Y	282816	0	0
5	1100	93.90	Y	302400	0	0
6	1100	96.70	Y	307968	0	0
7	1100	96.90	Y	294144	0	0
8	1100	97.10	Y	255552	0	0
9	1100	97.50	Y	288384	0	0
10	900	98.30	Y	363072	0	0
11	NIS					
12	900	96.90	Y	595392	0	0
13	NIS					
14	900	98.3	Y	320256.0	0	0
15	900	98.7	Y	524736.0	0	0
16	900	100.00	Y	312192	0	0
17	900	100.00	Y	175104	0	0
18	900	99.60	Y	272832	0	0
19	900	99.50	Y	316992	0	0
20	900	99.70	Y	235776	0	0
21	900	99.70	Y	255552	0	0
22	900	100.00	Y	453504	0	0
23	900	99.90	Y	170112	0	0
24	900	100.00	Y	376128	0	0
25	900	100	Y	294336	0	0
26	900	100.00	Y	232704	0	0
27	900	99.80	Y	300288	0	0
28	900	99.80	Y	336384	0	0
29	900	100.00	Y	276672	0	0
30	900	100.00	Y	304512	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: 

Op Cert #: 6111 Date: 12/3/2021