

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek			ID #: 41-00550				WTP: A	Month/Year: Oct 2021	
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	0.040	NIS	0.050	NIS	0.050	1100	
2	NIS	0.050	NIS	NIS	NIS	0.050	0.050	1100	
3	0.050	NIS	0.050	NIS	NIS	NIS	0.060	1100	
4	0.050	NIS	0.040	0.040	0.050	0.040	0.050	1100	
5	NIS	0.050	NIS	0.040	NIS	NIS	0.060	1100	
6	NIS	NIS	NIS	0.040	NIS	NIS	0.070	1100	
7	NIS	NIS	0.060	0.040	NIS	NIS	0.080	1100	
8	NIS	NIS	NIS	0.040	0.040	NIS	0.050	1100	
9	NIS	NIS	0.040	NIS	NIS	NIS	0.050	1100	
10	NIS	NIS	0.040	0.040	0.040	NIS	0.080	1100	
11	NIS	NIS	0.040	0.040	0.040	0.040	0.060	1100	
12	0.040	NIS	0.040	0.050	0.040	0.040	0.040	1100	
13	NIS	NIS	0.040	0.050	0.040	0.040	0.060	1100	
14	NIS	NIS	NIS	0.040	NIS	NIS	0.060	1100	
15	NIS	NIS	NIS	0.040	NIS	NIS	0.060	1100	
16	NIS	NIS	0.040	0.040	NIS	NIS	0.050	1100	
17	NIS	NIS	0.050	0.040	0.040	NIS	0.070	1100	
18	NIS	NIS	0.040	0.040	0.040	NIS	0.080	1100	
19	NIS	NIS	0.040	0.040	NIS	NIS	0.060	1100	
20	NIS	NIS	NIS	0.040	NIS	NIS	0.100	1100	
21	NIS	NIS	NIS	0.050	0.050	0.040	0.070	1100	
22	NIS	NIS	0.040	NIS	NIS	NIS	0.040	1100	
23	NIS	NIS	0.050	0.040	0.040	0.040	0.050	1100	
24	NIS	NIS	0.050	NIS	NIS	NIS	0.050	1100	
25	NIS	NIS	NIS	NIS	0.050	0.040	0.060	1100	
26	0.040	0.050	0.050	NIS	NIS	NIS	0.050	1100	
27	NIS	NIS	NIS	0.040	0.040	NIS	0.090	1100	
28	NIS	NIS	0.040	0.040	NIS	NIS	0.060	1100	
29	NIS	NIS	NIS	0.040	NIS	NIS	0.050	1100	
30	NIS	NIS	0.050	0.040	NIS	NIS	0.050	1100	
31	NIS	NIS	0.040	0.040	NIS	NIS	0.070	1100	

Conventional or Direct Filtration 95% of the 4-hour turbidity readings $\leq$ 0.3 NTU? Yes / No All the 4-hour turbidity readings < 1 NTU? Yes / No All turbidity readings < IFE triggers? Yes / No ²		Monthly UV Summary (Circle Yes or No) Is volume of off-spec water produced less than 5% in the month? Yes / No	
OR Slow Sand/Cartridge/Membrane/DE Filtration 95% of turbidity readings < 1 NTU? Yes / No All turbidity readings < 5 NTU? Yes / No		PRINTED NAME: Sean Negherbon SIGNATURE: <i>Sean Negherbon</i> PHONE: 541-863-3171 DATE: 11/4/2021 CERT #: 6111	
Is there 4-log virus inactivation provided with ☒ Chlorine; ☐ Other		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: Oct-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	15:14	1.10	83	91.3	18.6	7.50	26.1	YES	1100
2	21:15	1.00	83	83.0	17.8	7.40	26.2	YES	1100
3	8:09	1.21	83	100.4	17.9	7.40	26.7	YES	1100
4	9:56	1.30	83	107.9	17.9	7.50	28.0	YES	1100
5	2:04	1.03	83	85.5	18.1	7.60	27.8	YES	1100
6	9:15	0.95	83	78.9	17.0	7.60	29.6	YES	1100
7	08:58	1.02	83	84.7	16.7	7.60	30.4	YES	1100
8	12:20	1.02	83	84.7	16.0	7.60	31.9	YES	1100
9	6:55	1.11	83	92.1	15.4	7.50	32.3	YES	1100
10	7:23	1.12	83	93.0	15.5	7.50	32.1	YES	1100
11	22:34	0.98	83	81.3	15.3	7.30	29.8	YES	1100
12	10:31	1.00	83	83.0	14.7	7.40	32.2	YES	1100
13	12:53	0.79	83	65.6	15.0	7.70	34.5	YES	1100
14	10:49	1.20	83	99.6	15.2	7.70	35.6	YES	1100
	8:54	1.22	83	101.3	14.8	7.50	34.1	YES	1100
16	8:39	1.25	83	103.8	15.2	7.40	32.1	YES	1100
17	7:42	1.17	83	97.1	15.2	7.50	33.0	YES	1100
18	13:50	1.09	83	90.5	15.1	7.50	32.9	YES	1100
19	10:51	0.98	83	81.3	14.5	7.60	35.1	YES	1100
20	13:45	1.00	83	83.0	14.6	7.60	34.9	YES	1100
21	12:29	0.81	83	67.2	14.8	7.6	33.7	YES	1100
22	7:53	0.71	83	58.9	15.1	7.50	31.5	YES	1100
23	10:52	0.48	83	39.8	14.9	7.50	31.1	YES	1100
24	7:59	0.39	83	32.4	14.9	7.50	30.8	YES	1100
25	14:00	0.42	83	34.9	14.5	7.60	32.9	YES	1100
26	4:20	0.68	83	56.4	13.4	7.50	35.2	YES	1100
27	9:35	0.53	83	44.0	14.3	7.60	33.8	YES	1100
28	8:40	0.69	83	57.3	15.2	7.30	29.0	YES	1100
29	9:33	0.64	83	53.1	15.3	7.50	30.8	YES	1100
30	7:16	0.64	83	53.1	15.0	7.40	30.3	YES	1100
31	9:18	0.47	83	39.0	15.0	7.50	30.9	YES	1100

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

Revised October 2013

COUNTY: Douglas**Oregon DHS - Drinking Water Program – Surface Water Quality Data****System Name:** City of Myrtle Creek **PWS ID#:** 41-00550A**Month/Year:** Oct 2021Minimum UVT [%] during month: 95.3. Duty sensor variation from reference sensor: 6.45 %

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	99.00	Y	512832	0	0
2	1100	99.10	Y	543360	0	0
3	1100	98.40	Y	451776	0	0
4	1100	99.20	Y	342528	0	0
5	1100	98.90	Y	362880	0	0
6	1100	98.90	Y	320640	0	0
7	1100	99.60	Y	339456	0	0
8	1100	99.40	Y	339456	0	0
9	1100	98.20	Y	221184	0	0
10	1100	99.80	Y	471360	0	0
11	1100	99.80	Y	494208	0	0
12	1100	100.00	Y	236928	0	0
13	1100	99.60	Y	453504	0	0
14	1100	99.00	Y	315072	0	0
15	1100	100.00	Y	338688	0	0
16	1100	99.70	Y	264960	0	0
17	1100	99.80	Y	509760	0	0
18	1100	100.00	Y	388224	0	0
19	1100	100.00	Y	274176	0	0
20	1100	99.70	Y	332928	0	0
21	1100	100.00	Y	492288	0	0
22	1100	99.10	Y	162432	0	0
23	1100	98.40	Y	640320	0	0
24	1100	97.10	Y	114624	0	0
25	1100	95.30	Y	549504	0	0
26	1100	97.0	Y	308160	0	0
27	1100	96.30	Y	513792	0	0
28	1100	97.00	Y	316608	0	0
29	1100	97.40	Y	322752	0	0
30	1100	97.5	Y	344256	0	0
31	1100	97.00	Y	210432	0	0
Monthly Cumulative % Off-Spec Water Produced						0

