

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek			ID #: 41-00550				WTP: A	Month/Year: DEC/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	NIS	NIS	0.050	0.040	NIS	0.050	900	
2	NIS	NIS	NIS	NIS	0.060	0.050	0.070	900	
3	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS	
4	NIS	NIS	0.050	0.050	0.040	0.040	0.050	900	
5	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS	
6	NIS	NIS	NIS	0.050	0.040	0.040	0.100	900	
7	NIS	NIS	0.040	0.050	NIS	NIS	0.060	900	
8	NIS	NIS	0.050	0.050	0.050	NIS	0.060	900	
9	NIS	NIS	0.040	0.050	0.050	NIS	0.060	900	
10	NIS	NIS	0.050	0.050	NIS	NIS	0.050	900	
11	NIS	NIS	0.050	0.050	NIS	NIS	0.050	900	
12	NIS	NIS	0.050	0.050	0.050	0.050	0.060	900	
13	0.050	0.060	0.050	NIS	NIS	NIS	0.060	900	
14	NIS	NIS	0.050	0.050	0.050	0.050	0.060	900	
15	0.050	0.050	0.050	NIS	NIS	NIS	0.060	900	
16	NIS	NIS	NIS	0.040	0.040	NIS	0.050	900	
17	NIS	NIS	0.040	NIS	NIS	NIS	0.040	900	
18	NIS	NIS	0.030	NIS	NIS	NIS	0.040	900	
19	NIS	NIS	0.040	0.040	NIS	NIS	0.040	900	
20	NIS	NIS	NIS	0.030	0.030	NIS	0.030	900	
21	NIS	NIS	0.030	0.030	NIS	NIS	0.030	900	
22	NIS	NIS	0.030	0.030	NIS	NIS	0.030	900	
23	NIS	NIS	0.030	0.030	NIS	NIS	0.030	900	
24	NIS	NIS	0.030	NIS	NIS	NIS	0.030	900	
25	NIS	NIS	0.030	NIS	NIS	NIS	0.030	900	
26	NIS	NIS	0.030	0.030	NIS	NIS	0.030	900	
27	NIS	NIS	NIS	0.030	0.030	0.030	0.030	900	
28	NIS	NIS	NIS	0.030	NIS	NIS	0.030	900	
29	NIS	NIS	NIS	0.030	0.030	NIS	0.030	900	
30	NIS	NIS	NIS	0.030	NIS	NIS	0.030	900	
31	NIS	NIS	0.030	NIS	NIS	NIS	0.030	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: <i>Sean Negherbon</i>	DATE: 1/4/2022
95% of turbidity readings < 1 NTU?	Yes / No	PHONE: 541-863-3171	CERT #: 6111
All turbidity readings < 5 NTU?	Yes / No	CTViral: Required= 4 Achieved= 4	
Is there 4-log virus inactivation provided with ☒ Chlorine; ☐ Other		Yes / No	

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: Dec-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	10:50	1.28	83	106.2	11.6	7.60	44.2	YES	900
2	20:45	1.19	83	98.8	11.9	7.60	42.9	YES	900
3	NIS								
4	9:30	1.00	83	83.0	12.3	7.60	40.9	YES	900
5	NIS								
6	20:30	1.13	83	93.8	12.5	7.50	39.3	YES	900
7	8:34	1.02	83	84.7	11.4	7.60	43.5	YES	900
8	9:29	1.16	83	96.3	11.6	7.77	46.3	YES	900
9	7:50	1.08	83	89.6	10.7	7.77	48.7	YES	900
10	12:42	1.26	83	104.6	11.2	7.77	48.1	YES	900
11	8:56	1.22	83	101.3	11.3	7.77	47.6	YES	900
12	23:56	0.95	83	78.9	10.0	7.70	49.1	YES	900
13	4:18	0.81	83	67.2	9.8	7.70	48.9	YES	900
14	10:34	0.75	83	62.3	10.7	7.60	44.2	YES	900
15	2:27	0.90	83	74.7	10.1	7.50	45.1	YES	900
16	9:21	1.03	83	85.5	10.1	7.60	47.5	YES	900
17	9:38	0.88	83	73.0	11.5	7.60	42.5	YES	900
18	6:34	0.96	83	79.7	9.8	7.60	48.0	YES	900
19	8:57	1.12	83	93.0	9.5	7.60	49.9	YES	900
20	2:02	0.88	83	73.0	9.8	7.70	49.3	YES	900
21	9:34	1.11	83	92.1	10.7	7.60	46.0	YES	900
22	12:12	1.02	83	84.7	10.2	7.50	45.5	YES	900
23	9:39	0.90	83	74.7	11.7	7.40	39.3	YES	900
24	10:03	1.01	83	83.8	11.0	7.60	44.6	YES	900
25	5:13	1.00	83	83.0	9.7	7.60	48.6	YES	900
26	7:05	0.90	83	74.7	8.8	7.50	49.2	YES	900
27	1:40	1.08	83	89.6	8.0	7.60	54.9	YES	900
28	1:30	0.93	83	77.2	7.5	7.70	57.9	YES	900
29	10:30	0.91	83	75.5	6.9	7.60	58.0	YES	900
30	12:34	0.78	83	64.7	7.4	7.50	53.3	YES	900
31	7:02	1.14	83	94.6	8.3	7.40	50.5	YES	900

³ If Cl₂ at €

#VALUE!

Revised October 2013

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

Minimum UVT [%] during month: 95.3 Duty sensor variation from reference sensor: 3.95%

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	100.0	Y	312000	0	0
2	900	100.0	Y	356928	0	0
3	NIS					
4	900	100.0	Y	577152	0	0
5	NIS					
6	900	99.80	Y	598272	0	0
7	900	100.00	Y	1476488	0	0
8	900	100.00	Y	347136	0	0
9	900	100.00	Y	286656	0	0
10	900	100.00	Y	216000	0	0
11	900	100.00	Y	254784	0	0
12	900	100.00	Y	428544	0	0
13	900	97.10	Y	153024	0	0
14	900	95.30	Y	398592	0	0
15	900	97.00	Y	282432	0	0
16	900	96.70	Y	238272	0	0
17	900	96.00	Y	158016	0	0
18	900	97.20	Y	219264	0	0
19	900	97.40	Y	305856	0	0
20	900	97.60	Y	250176	0	0
21	900	97.34	Y	201792	0	0
22	900	97.10	Y	222336	0	0
23	900	98.00	Y	231360	0	0
24	900	97.10	Y	212544	0	0
25	900	96.50	Y	208320	0	0
26	900	97.30	Y	378048	0	0
27	900	96.70	Y	650112	0	0
28	900	98.20	Y	2271136	0	0
29	900	98.30	Y	384000	0	0
30	900	95.80	Y	203712	0	0
31	900	98.70	Y	205056	0	0
Monthly Cumulative % Off-Spec Water Produced						0

C A L L

Signature: Signature

Op Cert #: 6111 Date: 1/4/2022