

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek			ID #: 41-00550				WTP: A		Month/Year: 1/2022	
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	0.030	NIS	NIS	NIS	0.030	900		
2	NIS	NIS	0.030	0.030	NIS	NIS	0.030	900		
3	NIS	NIS	0.030	0.030	NIS	NIS	0.030	900		
4	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS		
5	NIS	NIS	0.030	0.030	NIS	NIS	0.030	700		
6	NIS	NIS	NIS	0.030	0.030	0.030	0.030	700		
7	0.030	0.030	0.030	NIS	0.030	0.030	0.040	700		
8	0.020	0.020	0.020	NIS	0.030	0.030	0.040	700		
9	NIS	NIS	0.020	0.020	NIS	NIS	0.020	700		
10	NIS	NIS	0.020	0.020	0.030	0.020	0.030	700		
11	0.020	0.020	NIS	0.020	0.020	NIS	0.030	700		
12	NIS	NIS	0.030	0.020	0.020	NIS	0.020	700		
13	NIS	NIS	0.030	0.020	NIS	NIS	0.020	700		
14	NIS	NIS	0.020	0.020	NIS	NIS	0.020	700		
15	NIS	NIS	0.020	NIS	NIS	NIS	0.020	700		
16	NIS	NIS	0.020	0.020	NIS	NIS	0.050	700		
17	NIS	NIS	0.020	NIS	NIS	NIS	0.020	700		
18	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700		
19	NIS	NIS	0.020	0.020	NIS	NIS	0.040	700		
20	NIS	NIS	NIS	0.020	0.020	NIS	0.070	700		
21	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS		
22	NIS	NIS	0.030	0.030	0.030	0.030	0.040	700		
23	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS		
24	NIS	NIS	0.030	0.030	0.030	0.030	0.030	700		
25	0.030	NIS	0.030	0.030	0.030	NIS	0.030	700		
26	NIS	NIS	0.030	0.030	0.030	0.030	0.030	700		
27	0.030	0.030	0.030	0.030	NIS	NIS	0.030	700		
28	NIS	NIS	NIS	0.030	0.030	0.030	0.030	700		
29	0.030	0.030	NIS	0.030	0.030	0.030	0.030	700		
30	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS		
31	NIS	NIS	0.030	0.030	0.030	0.030	0.030	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?			
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: 2/2/2022	
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		CTViral: Required= 4 Achieved= 4	

OHA - Drinking Water Services - Surface Water Quality Data Form
WTP - : A
System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Jan-22
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	6:35	1.27	83	105.4	7.4	8.20	72.8	YES	900
2	9:50	1.14	83	94.6	7.1	7.50	56.7	YES	900
3	9:11	1.27	83	105.4	8.3	7.50	53.1	YES	900
4	NIS								
5	14:56	0.71	83	58.9	8.5	7.60	50.9	YES	700
6	14:00	0.56	83	46.5	10.1	7.40	42.0	YES	700
7	13:40	0.96	83	79.7	10.2	7.20	40.7	YES	700
8	14:30	1.10	83	91.3	9.4	7.30	45.1	YES	700
9	10:43	1.33	83	110.4	9.3	7.40	48.3	YES	700
10	15:49	1.19	83	98.8	9.4	7.30	45.5	YES	700
11	16:19	1.26	83	104.6	9.7	7.40	46.6	YES	700
12	10:51	1.16	83	96.3	9.5	7.40	46.7	YES	700
13	10:26	1.24	83	102.9	9.8	7.40	46.2	YES	700
14	14:33	1.22	83	101.3	9.7	7.40	46.4	YES	700
15	7:09	1.13	83	93.8	9.2	7.40	47.5	YES	700
16	7:09	1.11	83	92.1	8.7	7.30	47.3	YES	700
17	10:54	1.27	83	105.4	8.5	7.30	48.8	YES	700
18	15:55	1.14	83	94.6	8.8	7.40	48.8	YES	700
19	13:03	1.27	83	105.4	9.6	7.50	48.7	YES	700
20	9:02	1.21	83	100.4	10.0	7.10	40.9	YES	700
21	NIS								
22	8:36	1.12	83	93.0	9.9	7.30	43.7	YES	700
23	NIS								
24	10:37	0.98	83	81.3	8.7	7.50	50.0	YES	700
25	14:09	1.03	83	85.5	8.5	7.40	49.2	YES	700
26	14:25	1.07	83	88.8	7.4	7.40	53.2	YES	700
27	6:56	1.09	83	90.5	7.6	7.40	52.6	YES	700
28	13:09	1.03	83	85.5	7.9	7.40	51.2	YES	700
29	15:24	0.83	83	68.9	7.6	7.40	51.1	YES	700
30	NIS								
31	9:03	1.00	83	83.0	8.4	7.40	49.3	YES	700

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

Revised October 2013

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))

COUNTY: Douglas**Oregon DHS - Drinking Water Program – Surface Water Quality Data**System Name: City of Myrtle Creek PWS ID#: 41-00550A Month/Year: 1/2022

Minimum UVT [%] during month: 94% Duty sensor variation from reference sensor: 3.2%

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	900	97.6	Y	201600	0	0
2	900	97.2	Y	391488	0	0
3	900.0	97.7	Y	209664.0	0.0	0
4	NIS					#DIV/0!
5	700	94.0	Y	211200	0	0
6	700	95.00	Y	326208	0	0
7	700	96.40	y	576384	0	0
8	700	96.40	Y	510528	0	0
9	700	97.40	Y	217152	0	0
10	700	98.52	Y	504000	0	0
11	700	98.20	Y	294144	0	0
12	700	99.00	Y	376704	0	0
13	700	98.80	Y	179904	0	0
14	700	99.70	Y	245952	0	0
15	700	99.30	Y	158208	0	0
16	700	99.60	Y	300864	0	0
17	700	99.10	Y	169920	0	0
18	700	99.40	Y	421440	0	0
19	700	99.50	Y	140160	0	0
20	700	99.50	Y	331968	0	0
21	NIS					#DIV/0!
22	700	99.50	Y	496704	0	0
23	NIS					#DIV/0!
24	700	99.80	Y	559488	0	0
25	700	100.00	Y	254592	0	0
26	700	100.00	Y	326976	0	0
27	700	99.50	Y	318912	0	0
28	700	100.00	Y	330432	0	0
29	700	100.00	Y	304320	0	0
30	NIS					#DIV/0!
31	700	100.00	Y	414528	0	0
Monthly Cumulative % Off-Spec Water Produced						#DIV/0!

Signature: S. Myle Op Cert #: 6111 Date: 2/2/2022