

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek			ID #: 41-00550				WTP: A Month/Year: Sept/21		
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	0.080	NIS	0.050	NIS	NIS	NIS	0.080	1100	
2	0.050	NIS	0.040	0.050	NIS	NIS	0.060	1100	
3	0.050	NIS	NIS	0.040	0.050	0.050	0.060	1100	
4	NIS	NIS	0.050	0.050	NIS	NIS	0.050	1100	
5	0.050	0.040	NIS	0.050	NIS	NIS	0.050	1100	
6	0.050	0.050	0.050	0.050	NIS	0.050	0.060	1100	
7	0.050	NIS	0.050	0.050	NIS	NIS	0.050	1100	
8	0.050	0.050	0.050	NIS	NIS	0.050	0.050	1100	
9	NIS	NIS	0.050	0.050	0.050	NIS	0.070	1100	
10	NIS	0.050	0.050	NIS	NIS	NIS	0.050	1100	
11	0.050	NIS	0.050	NIS	NIS	0.050	0.050	1100	
12	0.050	NIS	0.050	NIS	NIS	0.050	0.050	1100	
13	0.050	0.050	NIS	0.050	0.050	NIS	0.050	1100	
14	NIS	0.050	0.040	NIS	NIS	0.050	0.060	1100	
15	0.050	0.050	0.050	NIS	0.050	0.050	0.060	1100	
16	NIS	0.050	0.050	0.040	NIS	NIS	0.050	1100	
17	0.040	0.050	NIS	0.050	NIS	NIS	0.060	1100	
18	0.050	0.050	NIS	NIS	0.050	0.050	0.050	1100	
19	NIS	NIS	0.050	0.040	NIS	NIS	0.050	1100	
20	0.050	0.040	NIS	0.050	NIS	NIS	0.058	1100	
21	0.050	0.040	NIS	0.040	NIS	NIS	0.050	1100	
22	0.050	0.050	0.040	NIS	NIS	NIS	0.060	1100	
23	0.050	NIS	NIS	0.050	0.050	NIS	0.060	1100	
24	NIS	0.050	0.050	0.050	NIS	NIS	0.050	1100	
25	0.040	NIS	0.050	NIS	NIS	0.050	0.050	1100	
26	0.050	NIS	0.050	0.058	NIS	NIS	0.070	1100	
27	0.060	NIS	NIS	0.050	NIS	NIS	0.050	1100	
28	0.050	NIS	0.050	NIS	NIS	0.060	0.060	1100	
29	0.050	NIS	NIS	0.050	NIS	NIS	0.060	1100	
30	NIS	0.040	NIS	0.040	NIS	NIS	0.060	1100	

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: 10/5/2021	
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		CTViral: Required= 4	
				Yes / No		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: Sep-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	23:06	0.90	83	74.7	20.9	7.60	22.7	YES	1100
2	22:07	0.90	83	74.7	20.8	7.80	24.6	YES	1100
3	13:42	0.80	83	66.4	21.3	7.70	22.6	YES	1100
4	7:06	0.89	83	73.9	20.3	7.60	23.6	YES	1100
5	11:35	0.89	83	73.9	20.4	7.60	23.4	YES	1100
6	0:54	0.98	83	81.3	21.9	7.60	21.4	YES	1100
7	23:13	0.88	83	73.0	22.3	7.70	21.4	YES	1100
8	18:31	0.93	83	77.2	22.1	7.60	21.0	YES	1100
9	18:03	0.88	83	73.0	22.7	7.60	20.0	YES	1100
10	4:06	0.75	83	62.3	23.0	7.50	18.6	YES	1100
11	19:47	0.87	83	72.2	22.1	7.50	20.1	YES	1100
12	21:11	0.86	83	71.4	21.9	7.50	20.3	YES	1100
13	13:13	0.83	83	68.9	21.9	7.70	21.8	YES	1100
14	4:09	0.80	83	66.4	20.6	7.60	22.9	YES	1100
15	14:49	0.79	83	65.6	20.8	7.50	21.7	YES	1100
16	7:39	0.71	83	58.9	20.0	7.60	23.6	YES	1100
17	0:11	0.77	83	63.9	19.8	7.70	25.0	YES	1100
18	16:11	0.88	83	73.0	20.7	7.60	22.9	YES	1100
19	8:09	0.80	83	66.4	19.9	7.50	23.1	YES	1100
20	12:55	0.81	83	67.2	19.2	7.50	24.2	YES	1100
21	1:45	0.73	83	60.6	19.4	7.60	24.6	YES	1100
22	11:57	0.61	83	50.6	19.7	7.40	22.1	YES	1100
23	16:39	0.47	83	39.0	20.7	7.40	20.3	YES	1100
24	5:25	0.84	83	69.7	19.8	7.40	22.5	YES	1100
25	20:11	0.56	83	46.5	20.1	7.50	22.2	YES	1100
26	0:09	0.55	83	45.7	20.6	7.40	20.6	YES	1100
27	21:22	0.44	83	36.5	20.6	7.50	21.1	YES	1100
28	6:10	1.21	83	100.4	19.6	7.50	24.7	YES	1100
29	10:49	1.10	83	91.3	18.7	7.60	26.9	YES	1100
30	14:34	0.95	83	78.9	18.5	7.80	28.8	YES	1100

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:** Sept/2021

Minimum UVT [%] during month: 95.2 Duty sensor variation from reference sensor: 6.2%

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	100.0	Y	502848	0	0
2	1100	95.2	Y	587712	0	0
3	1100	99.8	Y	571392	0	0
4	1100	99.3	Y	491904	0	0
5	1100	99.8	Y	606720	0	0
6	1100	99.5	Y	826368	0	0
7	1100	99.1	Y	519168	0	0
8	1100	99.0	Y	751872	0	0
9	1100	99.3	Y	530496	0	0
10	1100	99.1	Y	696192	0	0
11	1100	99.3	Y	585600	0	0
12	1100	99.70	Y	592128	0	0
13	1100	99.30	Y	535296	0	0
14	1100	99.10	Y	557376	0	0
15	1100	99.80	Y	648192	0	0
16	1100	99.00	Y	469248	0	0
17	1100	99.90	Y	542208	0	0
18	1100	98.90	Y	546432	0	0
19	1100	99.30	Y	448128	0	0
20	1100	99.40	Y	434112	0	0
21	1100	99.90	Y	505920	0	0
22	1100	99.00	Y	732288	0	0
23	1100	98.90	Y	449088	0	0
24	1100	98.80	Y	576000	0	0
25	1100	98.00	Y	660096	0	0
26	1100	99.20	Y	469056	0	0
27	1100	98.80	Y	524352	0	0
28	1100	99.60	Y	470592	0	0
29	1100	98.90	Y	284544	0	0
30	1100	98.50	Y	441408	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: _____



Op Cert #: 6111 Date: 10/05/2021