

**Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form**

<b>System Name:</b> City of Myrtle Creek	<b>ID #:</b> 41-00550	<b>WTP:</b> A	<b>Month/Year:</b> May/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	0.020	NIS	NIS	NIS	0.020	900
2	NIS	NIS	0.020	0.020	0.020	0.020	0.020	900
3	0.020	0.010	0.010	0.020	NIS	NIS	0.020	900
4	0.020	NIS	NIS	0.020	NIS	NIS	0.030	900
5	NIS	NIS	0.020	0.020	0.020	0.020	0.030	900
6	0.020	0.020	0.020	0.020	0.020	0.020	0.030	900
7	NIS	NIS	NIS	0.020	0.020	NIS	0.040	900
8	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
9	NIS	NIS	0.030	0.020	0.020	NIS	0.030	900
10	NIS	NIS	0.020	0.020	0.020	NIS	0.030	900
11	NIS	NIS	0.020	0.020	0.020	0.020	0.040	900
12	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
13	NIS	NIS	NIS	0.030	0.020	0.020	0.020	900
14	0.020	0.020	NIS	0.020	0.020	NIS	0.040	900
15	NIS	NIS	0.020	0.020	0.020	NIS	0.030	900
16	NIS	NIS	0.020	0.020	0.020	NIS	0.030	900
17	NIS	NIS	0.040	0.020	0.020	0.020	0.060	900
18	0.020	0.020	0.020	0.150	0.040	NIS	0.150	900
19	NIS	NIS	0.030	0.030	0.040	0.030	0.080	900
20	NIS	NIS	0.030	0.030	0.030	NIS	0.040	900
21	NIS	NIS	NIS	NIS	0.040	0.030	0.040	900
22	NIS	NIS	0.040	NIS	NIS	NIS	0.040	900
23	NIS	NIS	0.050	0.060	0.050	0.050	0.070	900
24	NIS	NIS	0.040	0.070	0.060	0.060	0.070	900
25	0.070	0.070	0.070	0.060	NIS	NIS	0.070	900
26	NIS	NIS	0.060	0.050	0.050	0.050	0.060	900
27	0.050	NIS	0.050	0.050	NIS	NIS	0.060	900
28	NIS	NIS	NIS	0.050	0.050	0.040	0.090	900
29	0.040	0.040	NIS	0.050	0.050	NIS	0.050	900
30	NIS	NIS	0.050	0.050	0.040	0.050	0.050	900
31	0.050	0.050	0.050	0.050	0.050	0.050	0.060	900

<b>Conventional or Direct Filtration</b>	<b>Monthly UV Summary (Circle Yes or No)</b>	
95% of the 4-hour turbidity readings ≤ 0.3 NTU? <b>Yes / No</b>	Is volume of off-spec water produced less than 5% in the month? <b>Yes No</b>	
All the 4-hour turbidity readings < 1 NTU? <b>Yes / No</b>		
All turbidity readings < IFE triggers? <b>Yes / No</b> <sup>2</sup>		
<b>OR</b>	<b>PRINTED NAME:</b> Sean Negherbon	
<b>Slow Sand/Cartridge Membrane/E Filtration</b>	<b>SIGNATURE:</b> <i>SA</i>	<b>DATE:</b> 6/4/2021
95% of turbidity readings < 1 NTU? <b>Yes / No</b>	<b>PHONE:</b> 541-863-3171	<b>CERT #:</b> 6111
All turbidity readings < 5 NTU? <b>Yes / No</b>		
<b>Is there 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine, <input type="checkbox"/> Other</b>	<b>Yes No</b>	<b>CTViral: Required= 4 Achieved= 4</b>

<sup>1</sup> 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. <sup>2</sup> 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: May-21

Disinfection *Giardia* Log Inactiv: 1.0

Date	Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow
		[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]
1	7:58	0.92	83	76.4	17.5	7.20	24.6	YES	900
2	11:53	0.76	83	63.1	17.3	7.30	25.4	YES	900
3	9:23	0.74	83	61.4	16.7	7.30	26.4	YES	900
4	9:39	0.88	83	73.0	17.8	7.50	26.8	YES	900
5	10:37	0.71	83	58.9	17.7	7.70	28.5	YES	900
6	10:22	0.68	83	56.4	18.6	7.20	22.2	YES	900
7	12:02	0.77	83	63.9	17.9	7.40	25.4	YES	900
8	8:36	0.85	83	70.6	16.5	7.50	29.2	YES	900
9	7:05	0.72	83	59.8	16.6	7.5	28.5	YES	900
10	9:03	0.65	83	54.0	17.0	7.60	28.6	YES	900
11	14:41	0.83	83	68.9	17.8	7.60	27.7	YES	900
12	10:16	0.67	83	55.6	18.4	7.50	25.2	YES	900
13	10:40	0.57	83	47.3	19.6	7.90	26.6	YES	900
14	13:04	0.58	83	48.1	19.9	7.70	24.3	YES	900
15	10:05	0.56	83	46.5	20.2	7.60	22.8	YES	900
16	7:13	0.53	83	44.0	20.2	7.6	22.8	YES	900
17	8:40	0.47	83	39.0	20.5	7.50	21.3	YES	900
18	9:37	1.06	83	88.0	20.2	7.80	26.1	YES	900
19	16:22	1.36	83	112.9	19.6	9.5	52.6	YES	900
20	9:13	1.52	83	126.2	18.3	9.50	58.3	YES	900
21	13:38	1.58	83	131.1	17.4	9.60	64.6	YES	900
22	8:49	1.63	83	135.3	17.1	9.20	57.3	YES	900
23	12:05	1.50	83	124.5	16.6	9.30	60.5	YES	900
24	11:58	1.32	83	109.6	18.9	8.60	39.4	YES	900
25	8:35	1.25	83	103.8	19.1	8.10	32.1	YES	900
26	21:13	1.08	83	89.6	18.6	8.20	33.7	YES	900
27	10:47	1.18	83	97.9	19.9	7.80	27.0	YES	900
28	12:36	1.16	83	96.3	19.8	7.70	26.1	YES	900
29	9:35	1.16	83	96.3	19.6	7.80	27.5	YES	900
30	20:25	1.12	83	93.0	19.8	7.70	26.0	YES	900
31	6:37	1.07	83	88.8	21.6	7.70	22.9	YES	900

<sup>3</sup> If Cl<sub>2</sub> 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: May 2021

Minimum UVT [%] during month: 95.0% Duty sensor variation from reference sensor: 4.95%

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]	[ <sup>mW</sup> /cm <sup>2</sup> ]	[ Y or N ]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	900	99.30	Y	276672	0	0
2	900	99.20	Y	480960	0	0
3	900	99.40	Y	408384	0	0
4	900	95.00	Y	322944	0	0
5	900	99.40	Y	389184	0	0
6	900	99.50	Y	619008	0	0
7	900	99.20	Y	281280	0	0
8	900	99.50	Y	291264	0	0
9	900	99.40	Y	468096	0	0
10	900	99.00	Y	486528	0	0
11	900	99.10	Y	524352	0	0
12	900	98.50	Y	281856	0	0
13	900	99.00	Y	619584	0	0
14	900	98.90	Y	515520	0	0
15	900	98.70	Y	476160	0	0
16	900	99.20	Y	400896	0	0
17	900	97.50	Y	719424	0	0
18	900	99.90	Y	397632	0	0
19	900	99.90	Y	499776	0	0
20	900	99.90	Y	374016	0	0
21	900	99.90	Y	488064	0	0
22	900	100.00	Y	180288	0	0
23	900	100.00	Y	604608	0	0
24	900	100.00	Y	400896	0	0
25	900	100.00	Y	342912	0	0
26	900	100.00	Y	682560	0	0
27	900	100.00	Y	245760	0	0
28	900	100.00	Y	599616	0	0
29	900	100.00	Y	394944	0	0
30	900	100.00	Y	665856	0	0
31	900	100.00	Y	683136	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: 

Op Cert #: 6111 Date: 6/4/2021