

**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> 1/2021
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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	0.016	0.016	NIS	NIS	0.020	700
2	NIS	NIS	0.016	0.015	0.012	NIS	0.019	700
3	NIS	NIS	0.180	0.040	0.030	NIS	0.210	500
4	NIS	NIS	0.030	0.030	0.030	NIS	0.030	500
5	NIS	NIS	0.020	0.030	0.030	NIS	0.060	500
6	NIS	NIS	0.030	0.040	0.030	0.030	0.050	500
7	NIS	NIS	NIS	0.020	0.020	0.020	0.030	500
8	NIS	NIS	NIS	0.020	0.040	0.020	0.070	500
9	NIS	NIS	0.020	NIS	NIS	NIS	0.030	500
10	NIS	NIS	0.020	0.020	0.020	0.020	0.060	500
11	NIS	NIS	0.020	0.020	NIS	NIS	0.020	500
12	NIS	NIS	NIS	0.030	0.020	NIS	0.090	500
13	NIS	NIS	0.040	0.080	0.020	0.020	0.200	500
14	NIS	NIS	NIS	0.040	0.020	0.020	0.050	500
15	NIS	NIS	NIS	0.020	0.030	0.030	0.030	500
16	NIS	NIS	NIS	0.040	NIS	NIS	0.050	500
17	NIS	NIS	0.030	0.030	0.030	0.030	0.050	500
18	NIS	NIS	0.030	0.030	NIS	NIS	0.050	500
19	NIS	NIS	0.040	0.050	0.030	0.030	0.050	500
20	NIS	NIS	0.030	0.060	0.060	NIS	0.060	500
21	NIS	0.060	0.060	0.020	0.020	0.020	0.060	500
22	NIS	NIS	NIS	0.030	0.090	NIS	0.180	500
23	NIS	NIS	0.100	0.090	0.120	NIS	0.120	500
24	NIS	NIS	0.020	0.050	0.050	NIS	0.090	500
25	NIS	NIS	0.060	0.020	0.020	0.020	0.060	500
26	NIS	NIS	0.020	0.020	NIS	NIS	0.020	500
27	NIS	NIS	0.030	0.030	0.030	NIS	0.080	500
28	NIS	NIS	0.020	0.030	0.020	NIS	0.060	500
29	NIS	NIS	NIS	0.020	0.020	0.030	0.030	500
30	NIS	NIS	0.020	0.020	NIS	NIS	0.060	500
31	NIS	NIS	0.030	0.020	0.030	NIS	0.040	500

<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 2</b>		
<b>OR</b>	PRINTED NAME: Sean Negherbon	
<b>Slow Sand/Cartridge Membrane/UF Filtration</b>	SIGNATURE: <i>S. Negherbon</i>	DATE: 2/9/2021
95% of turbidity readings < 1 NTU? <b>Yes No</b>	PHONE: 541-863-3171	CERT #: 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>	CTViral: Required= 4 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: Jan-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	12:23	0.89	108	96.1	9.6	7.10	40.5	YES	700
2	15:46	0.83	108	89.6	9.5	7.00	39.1	YES	700
3	7:42	1.92	108	207.4	9.8	7.10	44.9	YES	500
4	9:47	1.47	108	158.8	11.1	6.90	36.6	YES	500
5	11:23	1.16	108	125.3	10.7	6.90	36.3	YES	500
6	11:52	1.03	108	111.2	10.3	7.00	38.0	YES	500
7	14:02	1.13	108	122.0	11.2	6.90	35.0	YES	500
8	15:22	1.05	108	113.4	10.8	7.10	38.1	YES	500
9	9:24	1.01	108	109.1	11.8	6.90	33.2	YES	500
10	8:57	0.78	108	84.2	9.6	7.00	38.7	YES	500
11	11:30	1.04	108	112.3	9.7	7.00	39.5	YES	500
12	11:06	0.97	108	104.8	10.3	6.80	35.2	YES	500
13	14:57	1.16	108	125.3	11.2	7.00	36.3	YES	500
14	17:37	0.95	108	102.6	11.8	6.90	33.0	YES	500
15	13:16	0.85	108	91.8	11.2	6.90	33.9	YES	500
16	10:59	0.85	108	91.8	10.3	6.80	34.8	YES	500
17	8:05	0.95	108	102.6	11.1	6.90	34.5	YES	500
18	8:16	0.92	108	99.4	10.7	7.00	36.6	YES	500
19	8:50	0.90	108	97.2	11.9	6.80	31.6	YES	500
20	9:32	0.93	108	100.4	10.2	6.80	35.3	YES	500
21	22:57	0.95	108	102.6	9.9	6.70	34.8	YES	500
22	14:29	0.86	108	92.9	8.8	6.80	38.3	YES	500
23	8:10	0.84	108	90.7	8.3	6.80	39.5	YES	500
24	9:31	0.86	108	92.9	8.0	6.90	41.8	YES	500
25	8:44	0.82	108	88.6	7.6	6.80	41.3	YES	500
26	8:42	0.86	108	92.9	8.7	7.30	46.0	YES	500
27	8:46	0.83	108	89.6	8.7	6.80	38.4	YES	500
28	9:49	0.85	108	91.8	8.3	6.90	41.0	YES	500
29	12:01	0.76	108	82.1	9.2	6.90	38.2	YES	500
30	6:50	1.52	108	164.2	9.7	7.10	43.2	YES	500
31	8:11	1.45	108	156.6	9.1	7.00	43.0	YES	500

<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: 1/2021

Minimum UVT [%] during month: 94.8% Duty sensor variation from reference sensor: 5.3%

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> / <sub>cm<sup>2</sup></sub> ]	[ Y or N ]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	700	94.8	Y	205056	0	0
2	700	96.2	Y	322752	0	0
3	500	96.7	Y	213504	0	0
4	500	97.0	Y	252288	0	0
5	500	95.3	Y	230208	0	0
6	500	97.50	Y	295680	0	0
7	500	98.00	Y	214080	0	0
8	500	97.70	Y	254208	0	0
9	500	97.20	Y	78720	0	0
10	500	97.70	Y	396864	0	0
11	500	98.30	Y	121344	0	0
12	500	98.50	Y	263616	0	0
13	500	97.80	Y	249024	0	0
14	500	98.60	Y	250944	0	0
15	500	98.70	Y	268800	0	0
16	500	98.90	Y	157824	0	0
17	500	98.90	Y	342144	0	0
18	500	99.60	Y	151872	0	0
19	500	99.60	Y	334272	0	0
20	500	99.60	Y	145728	0	0
21	500	99.70	Y	334080	0	0
22	500	99.60	Y	136896	0	0
23	500	99.80	Y	299712	0	0
24	500	99.90	Y	212352	0	0
25	500	99.60	Y	276096	0	0
26	500	99.30	Y	147072	0	0
27	500	99.20	Y	270336	0	0
28	500	98.90	Y	208128	0	0
29	500	97.70	Y	252672	0	0
30	500	98.00	Y	194112	0	0
31	500	98.20	Y	235008	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature:  Op Cert #: 6111 Date: February 9, 2021