

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

**System Name:** City of Myrtle Creek    **ID #:** 41-00550    **WTP:** A    **Month/Year:** July/23

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	0.050	0.040	NIS	NIS	0.040	0.040	0.040	900
2	0.040	0.040	0.040	0.040	NIS	NIS	0.040	900
3	0.040	0.040	0.040	0.040	0.040	0.040	0.090	900
4	0.040	0.040	0.040	0.040	NIS	NIS	0.040	900
5	0.040	0.040	0.040	0.040	0.040	0.040	0.040	900
6	0.040	0.040	0.040	0.040	0.040	NIS	0.040	1100
7	NIS	0.040	0.040	0.040	0.040	0.040	0.050	1100
8	NIS	NIS	0.040	0.040	0.040	NIS	0.050	1100
9	NIS	0.040	0.040	0.040	0.040	NIS	0.040	1100
10	NIS	0.040	0.040	0.040	NIS	NIS	0.040	1100
11	0.040	0.040	0.040	0.040	NIS	NIS	0.040	1100
12	0.040	0.040	0.040	0.040	NIS	NIS	0.040	1100
13	0.050	0.040	0.040	0.040	0.040	NIS	0.040	1100
14	NIS	0.040	0.040	0.040	0.040	NIS	0.060	1100
15	NIS	0.050	0.040	0.040	0.040	NIS	0.050	1100
16	NIS	0.050	0.050	0.040	0.040	NIS	0.050	1100
17	NIS	0.050	0.040	0.040	0.050	0.050	0.050	1100
18	NIS	NIS	0.050	0.050	0.050	0.050	0.050	1100
19	NIS	NIS	0.060	0.050	0.050	0.050	0.050	1100
20	0.050	0.050	0.050	0.050	NIS	NIS	0.050	1100
21	0.050	0.050	0.050	0.050	NIS	NIS	0.070	1100
22	NIS	0.050	0.050	0.050	0.050	NIS	0.050	1100
23	NIS	0.060	0.050	0.050	0.050	NIS	0.060	1100
24	0.060	0.060	0.060	0.070	0.080	NIS	0.080	1100
25	0.070	0.060	0.060	0.060	0.060	0.060	0.070	1100
26	0.070	0.070	0.080	0.060	NIS	NIS	0.080	1100
27	0.070	0.060	0.060	0.060	0.060	0.070	0.070	1100
28	0.070	NIS	NIS	0.070	0.070	0.070	0.070	1100
29	0.070	0.070	NIS	0.060	0.070	0.070	0.070	1100
30	NIS	NIS	0.070	0.070	0.080	NIS	0.080	1100
31	NIS	0.080	0.100	0.100	0.130	0.090	0.130	1100

<p style="text-align: center;"><b>Conventional or Direct Filtration</b></p> <p>95% of the 4-hour turbidity readings ≤ 0.3 NTU?    <b>Yes / No</b>                  All the 4-hour turbidity readings &lt; 1 NTU?        <b>Yes / No</b>                  All turbidity readings &lt; IFE triggers?              <b>Yes / No</b> 2</p>	<p style="text-align: center;"><b>Monthly UV Summary (Circle Yes or No)</b></p> <p>Is volume of off-spec water produced less than 5% in the month?  <span style="margin-left: 100px;"><b>Yes</b> / No</span></p>
<p><b>OR</b></p> <p><b>Slow Sand/Cartridge Membrane Filtration</b></p> <p>95% of turbidity readings &lt; 1 NTU?                      <b>Yes / No</b>                  All turbidity readings &lt; 5 NTU?                          <b>Yes / No</b></p>	<p><b>PRINTED NAME:</b> Steve Ledbetter</p> <p><b>SIGNATURE:</b> <i>Steve Ledbetter</i>                      <b>DATE:</b> 08/04/2023</p> <p><b>PHONE:</b> 541-863-3171                                      <b>CERT #:</b> 08622</p>
<p><b>Is there 4-log virus inactivation provided with</b> <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other                      <b>Yes / No</b></p>	<p><b>CTViral:</b> Required= 4 Achieved= 4</p>

1 Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM through

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP: A

System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Jul-23

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	17:57	1.07	83	88.8	25.5	7.7	17.6	YES	900
2	14:11	1.10	83	91.3	24.6	7.8	19.5	YES	900
3	10:35	1.02	83	84.7	24.4	7.7	18.8	YES	900
4	9:15	1.07	83	88.8	24.6	7.7	18.7	YES	900
5	8:31	0.90	83	74.7	24.0	7.8	19.8	YES	900
6	12:38	0.98	83	81.3	24.3	7.7	18.9	YES	1100
7	12:52	0.75	83	62.3	25.0	7.6	16.9	YES	1100
8	15:40	0.95	83	78.9	24.4	7.7	18.7	YES	1100
9	3:46	10.80	83	896.4	23.8	7.7	59.7	YES	1100
10	4:45	1.06	83	88.0	23.8	7.6	19.0	YES	1100
11	14:21	1.07	83	88.8	24.0	7.7	19.5	NIS	1100
12	7:41	0.93	83	77.2	24.5	7.7	18.5	YES	1100
13	12:56	0.89	83	73.9	25.1	7.8	18.4	YES	1100
14	13:12	0.96	83	79.7	25.6	7.7	17.2	YES	1100
15	5:05	0.73	83	60.6	25.3	7.5	15.9	YES	1100
16	4:24	0.77	83	63.9	25.9	7.7	16.5	YES	1100
17	11:49	0.90	83	74.7	25.8	7.7	16.9	YES	1100
18	14:02	0.93	83	77.2	25.6	7.5	15.9	YES	1100
19	17:48	1.04	83	86.3	26.2	7.8	17.3	YES	1100
20	7:11	0.88	83	73.0	25.4	7.8	18.0	YES	1100
21	6:01	0.83	83	68.9	25.3	8.0	19.4	YES	1100
22	16:01	0.84	83	69.7	25.3	8.1	20.2	YES	1100
23	3:36	0.75	83	62.3	26.0	8.1	19.0	YES	1100
24	1:00	0.98	83	81.3	25.9	8.1	19.7	YES	1100
25	17:51	1.14	83	94.6	25.7	8.5	23.6	YES	1100
26	3:49	1.04	83	86.3	25.7	8.5	23.3	YES	1100
27	12:30	0.99	83	82.2	25.5	8.3	21.8	YES	1100
28	10:12	0.49	83	40.7	25.1	8.3	21.2	YES	1100
29	15:38	0.96	83	79.7	24.4	8.6	26.2	YES	1100
30	7:31	0.52	83	43.2	24.5	8.5	23.8	YES	1100
31	5:09	1.09	83	90.5	24.5	8.40	24.5	YES	1100

<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: July 23

Minimum UVT [%] during month: 96.5 Duty sensor variation from reference sensor: 2.1 %

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>m</sup> W/cm <sup>2</sup> ]	[ Y or N ]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	900	99.10	Y	934656	0	0
2	99	99.10	Y	865536	0	0
3	900	99.30	Y	1372672	0	0
4	900	98.90	Y	934656	0	0
5	900	99.30	Y	1201408	0	0
6	1100	99.20	Y	973056	0	0
7	1100	99.50	Y	1294336	0	0
8	1100	99.00	Y	694272	0	0
9	1100	99.10	Y	1108224	0	0
10	1100	99.20	Y	1026816	0	0
11	1100	98.90	Y	1056000	0	0
12	1100	98.80	Y	1141760	0	0
13	1100	98.60	Y	1139200	0	0
14	1100	98.60	Y	1129472	0	0
15	1100	98.50	Y	1032192	0	0
16	1100	98.30	Y	985600	0	0
17	1100	98.10	Y	1341952	0	0
18	1100	98.20	Y	1108992	0	0
19	1100	98.50	Y	1142784	0	0
20	1100	98.20	Y	870144	0	0
21	1100	97.60	Y	1025024	0	0
22	1100	97.30	Y	1022464	0	0
23	1100	97.10	Y	1233152	0	0
24	1100	97.00	Y	881408	0	0
25	1100	96.50	Y	1569280	0	0
26	1100	96.50	Y	845312	0	0
27	1100	96.50	Y	1406464	0	0
28	1100	97.10	Y	897024	0	0
29	1100	96.70	Y	907520	0	0
30	1100	97.00	Y	721152	0	0
31	1100	96.90	Y	1410816	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: 

Op Cert #: 08622 Date: August 4, 2023