

**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/2022
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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	0.020	0.020	0.020	0.020	0.020	700
2	0.020	0.020	0.020	NIS	0.020	0.020	0.020	700
3	0.020	NIS	0.020	NIS	0.020	0.020	0.030	700
4	0.020	NIS	NIS	0.020	0.020	NIS	0.030	700
5	NIS	NIS	0.030	0.020	0.020	0.020	0.030	700
6	NIS	NIS	NIS	0.020	0.020	NIS	0.040	700
7	NIS	NIS	0.020	0.020	0.020	0.020	0.030	700
8	0.010	NIS	NIS	0.020	0.010	0.010	0.020	700
9	NIS	NIS	NIS	0.020	0.020	0.010	0.020	700
10	NIS	NIS	0.020	0.010	0.020	0.020	0.060	700
11	NIS	NIS	0.020	0.020	NIS	NIS	0.030	700
12	NIS	NIS	0.030	0.020	0.020	0.020	0.040	700
13	NIS	NIS	0.020	0.020	NIS	NIS	0.030	700
14	NIS	NIS	0.020	0.020	NIS	NIS	0.130	700
15	NIS	NIS	0.020	0.020	0.020	0.020	0.070	700
16	0.020	0.020	0.020	NIS	NIS	NIS	0.020	700
17	NIS	NIS	0.020	0.020	0.020	NIS	0.020	700
18	NIS	NIS	NIS	0.020	0.020	NIS	0.020	700
19	NIS	NIS	NIS	0.020	0.020	NIS	0.020	700
20	NIS	NIS	0.020	0.020	0.020	NIS	0.020	700
21	NIS	NIS	0.020	NIS	NIS	NIS	0.020	700
22	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700
23	0.020	0.020	NIS	0.020	0.020	NIS	0.020	700
24	NIS	NIS	0.020	0.020	0.020	NIS	0.020	700
25	NIS	NIS	NIS	0.020	NIS	0.020	0.020	700
26	0.020	0.020	0.020	0.020	NIS	NIS	0.020	700
27	NIS	NIS	0.020	0.020	0.020	NIS	0.020	700
28	NIS	NIS	0.020	NIS	NIS	NIS	0.020	700
29	NIS	NIS	0.020	0.020	0.020	NIS	0.030	700
30	NIS	NIS	0.020	0.020	NIS	NIS	0.040	700
31	NIS	NIS	0.020	0.020	0.020	0.020	0.030	700

<b>Conventional or Direct Filtration</b>	<b>Monthly UV Summary (Circle Yes or No)</b>
95% of the 4-hour turbidity readings $\leq$ 0.3 NTU? <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>	Is volume of off-spec water produced less than 5% in the month? <b>Yes / No</b>
<b>OR</b>	PRINTED NAME: Eryn A McNeil
<b>Slow Sand/Cartridge Membrane/DE Filtration</b>	SIGNATURE: <i>Eryn A McNeil</i> DATE: June 3, 2022
95% of turbidity readings < 1 NTU? <b>Yes / No</b> All turbidity readings < 5 NTU? <b>Yes / No</b>	PHONE: 541-863-3171      CERT #: 09344
<b>Is there 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other</b>	<b>Yes / No</b> CT <sub>Viral</sub> : Required= 4 Achieved= 4

<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))

<b>OHA - Drinking Water Services - Surface Water Quality Data Form</b>						<b>WTP- :</b>	<b>A</b>
<b>System Name:</b>	<b>City of Myrtle Creek</b>	<b>ID#: 41</b>	<b>00550</b>	<b>Month/Year:</b>	<b>May-22</b>	<b>Disinfection <i>Giardia</i> Log Inactiv:</b>	<b>1.0</b>

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]	<b>C X T</b>	[° C]		formula	Yes / No	[GPM]
1	8:55	0.67	83	55.6	12.7	7.40	35.5	YES	700
2	17:16	0.98	83	81.3	13.8	7.10	30.6	YES	700
3	11:21	0.81	83	67.2	13.2	7.10	31.2	YES	700
4	10:48	0.59	83	49.0	13.0	7.00	29.7	YES	700
5	17:47	0.95	83	78.9	13.7	7.30	33.0	YES	700
6	12:38	0.62	83	51.5	14.4	7.50	32.7	YES	700
7	23:44	0.65	83	54.0	13.5	7.50	34.8	YES	700
8	11:29	0.56	83	46.5	13.1	7.50	35.4	YES	700
9	12:06	0.61	83	50.6	12.3	7.4	36.6	YES	700
10	9:16	1.18	83	97.9	11.8	7.50	41.7	YES	700
11	9:30	1.57	83	130.3	12.5	7.30	38.4	YES	700
12	13:41	1.02	83	84.7	11.9	7.40	39.3	YES	700
13	12:24	1.04	83	86.3	12.7	7.40	37.0	YES	700
14	7:07	0.92	83	76.4	13.6	7.30	33.1	YES	700
15	23:28	0.68	83	56.4	14.3	7.20	29.6	YES	700
16	2:46	0.60	83	49.8	14.2	7.2	29.6	YES	700
17	9:06	0.67	83	55.6	14.5	7.20	29.2	YES	700
18	10:05	1.18	83	97.9	15.1	7.40	32.0	YES	700
19	10:46	1.05	83	87.2	14.2	7.1	30.0	YES	700
20	15:43	1.10	83	91.3	14.0	7.10	30.6	YES	700
21	8:38	1.03	83	85.5	14.9	7.20	29.6	YES	700
22	9:10	0.90	83	74.7	14.5	7.40	32.3	YES	700
23	1:59	0.87	83	72.2	16.6	7.50	29.0	YES	700
24	15:19	1.00	83	83.0	16.9	7.40	27.8	YES	700
25	21:21	0.88	83	73.0	17.7	7.30	25.1	YES	700
26	13:18	1.02	83	84.7	18.4	7.40	25.2	YES	700
27	12:12	0.97	83	80.5	18.0	7.30	24.8	YES	700
28	8:07	1.02	83	84.7	17.6	7.00	22.9	YES	700
29	8:35	1.11	83	92.1	16.2	7.20	27.4	YES	700
30	7:18	0.90	83	74.7	15.1	7.10	27.8	YES	700
31	8:53	0.81	83	67.2	14.5	7.20	29.7	YES	700

<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 2022

Minimum UVT [%] during month: 98.4% Duty sensor variation from reference sensor: 3.87%

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	700	99.40	Y	340032	0	0
2	700	99.00	Y	395136	0	0
3	700	99.40	Y	253248	0	0
4	700	98.90	Y	152064	0	0
5	700	99.50	Y	281472	0	0
6	700	99.80	Y	131328	0	0
7	700	99.20	Y	294912	0	0
8	700	99.80	Y	220800	0	0
9	700	99.30	Y	213120	0	0
10	700	99.10	Y	235392	0	0
11	700	98.80	Y	109248	0	0
12	700	98.90	Y	463296	0	0
13	700	99.10	Y	159552	0	0
14	700	99.00	Y	304896	0	0
15	700	98.70	Y	489024	0	0
16	700	99.60	Y	169536	0	0
17	700	99.50	Y	332352	0	0
18	700	99.60	Y	307776	0	0
19	700	99.70	Y	261504	0	0
20	700	99.80	Y	306240	0	0
21	700	99.80	Y	138432	0	0
22	700	99.90	Y	445632	0	0
23	700	99.70	Y	310080	0	0
24	700	99.50	Y	325440	0	0
25	700	99.90	Y	309312	0	0
26	700	99.70	Y	297216	0	0
27	700	99.50	Y	297792	0	0
28	700	99.70	Y	149376	0	0
29	700	99.80	Y	327168	0	0
30	700	98.90	Y	225024	0	0
31	700	98.40	Y	476544	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: *Egn A Mcneel* Op Cert #: 09344 Date: June 3, 2022