

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek **ID #:** 41-00550 **WTP:** A **Month/Year:** July/22

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	0.020	0.020	0.020	0.020	0.020	NIS	0.030	1100
2	NIS	NIS	0.020	NIS	NIS	NIS	0.030	1100
3	0.020	NIS	0.020	NIS	NIS	NIS	0.020	1100
4	NIS	NIS	0.020	0.020	0.020	0.020	0.030	1100
5	NIS	NIS	0.020	0.020	NIS	NIS	0.030	1100
6	NIS	NIS	0.020	0.020	0.020	NIS	0.030	1100
7	NIS	NIS	0.020	0.020	NIS	NIS	0.030	1100
8	NIS	NIS	0.020	0.020	0.020	0.020	0.020	1100
9	0.020	0.020	0.020	NIS	NIS	NIS	0.030	1100
10	NIS	NIS	NIS	0.020	0.020	0.020	0.030	1100
11	0.020	0.020	0.020	0.020	0.020	0.020	0.050	1100
12	NIS	NIS	NIS	0.020	0.020	0.020	0.050	1100
13	NIS	NIS	NIS	0.020	0.010	NIS	0.030	1100
14	NIS	NIS	NIS	0.020	0.020	0.020	0.070	1100
15	NIS	NIS	0.020	0.020	0.020	0.020	0.040	1100
16	NIS	NIS	0.020	0.020	NIS	NIS	0.030	1100
17	NIS	NIS	0.020	0.020	NIS	NIS	0.020	1100
18	NIS	NIS	NIS	0.020	0.020	0.020	0.030	1100
19	0.020	NIS	NIS	0.090	NIS	0.060	0.080	1100
20	0.050	0.005	0.050	0.040	NIS	NIS	0.050	1100
21	NIS	NIS	0.040	0.030	0.030	0.030	0.060	1100
22	0.030	NIS	0.030	0.030	NIS	NIS	0.040	1100
23	0.030	NIS	0.030	NIS	NIS	NIS	0.030	1100
24	NIS	NIS	0.030	0.030	0.020	0.030	0.140	1100
25	NIS	NIS	0.020	0.030	0.030	NIS	0.060	1100
26	0.030	0.030	0.020	NIS	0.030	0.030	0.050	1100
27	NIS	0.030	0.030	0.030	NIS	NIS	0.040	1100
28	0.030	0.030	NIS	NIS	0.030	NIS	0.040	1100
29	0.030	0.030	NIS	0.030	0.030	NIS	0.030	1100
30	0.030	0.030	0.030	NIS	NIS	0.030	0.040	1100
31	0.030	0.030	0.030	0.030	NIS	NIS	0.050	1100

<p style="text-align: center;">Conventional or Direct Filtration</p> <p>95% of the 4-hour turbidity readings ≤ 0.3 NTU? Yes / No</p> <p>All the 4-hour turbidity readings < 1 NTU? Yes / No</p> <p>All turbidity readings < IFE triggers? Yes / No ²</p>	<p style="text-align: center;">Monthly UV Summary (Circle Yes or No)</p> <p>Is volume of off-spec water produced less than 5% in the month? Yes / No</p>
OR	PRINTED NAME: Eryn McNeil
Slow Sand/Cartridge (Membrane) Filtration	SIGNATURE: <i>Eryn McNeil</i> DATE: 8/4/2022
95% of turbidity readings < 1 NTU? Yes / No	PHONE: 541-863-3171 CERT #: 09344
All turbidity readings < 5 NTU? Yes / No	
Is there 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other Yes / No	CTViral: Required= 4 Achieved= 4

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-22

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	12:28	0.80	83	66.4	22.1	7.40	19.2	YES	1100
2	8:14	0.90	83	74.7	21.9	7.40	19.7	YES	1100
3	7:30	0.93	83	77.2	21.5	7.50	21.0	YES	1100
4	19:01	0.82	83	68.1	20.8	7.40	21.0	YES	1100
5	8:22	0.68	83	56.4	22.0	7.40	19.0	YES	1100
6	8:41	0.76	83	63.1	21.7	7.40	19.6	YES	1100
7	8:11	0.71	83	58.9	21.8	7.40	19.4	YES	1100
8	10:30	0.80	83	66.4	21.9	7.40	19.4	YES	1100
9	1:05	0.99	83	82.2	23.1	7.50	19.0	YES	1100
10	7:18	0.84	83	69.7	23.1	7.30	17.3	YES	1100
11	12:30	1.08	83	89.6	24.1	7.50	17.9	YES	1100
12	9:58	0.88	83	73.0	25.0	7.50	16.5	YES	1100
13	9:14	0.88	83	73.0	25.2	7.60	16.9	YES	1100
14	8:38	0.88	83	73.0	24.3	7.50	17.3	YES	1100
15	17:42	0.98	83	81.3	24.7	7.60	17.7	YES	1100
16	12:32	1.00	83	83.0	24.8	7.50	17.0	YES	1100
17	6:42	0.81	83	67.2	23.8	7.50	17.8	YES	1100
18	10:06	0.90	83	74.7	23.6	7.60	18.9	YES	1100
19	12:08	0.22	83	18.3	24.4	6.60	11.3	YES	1100
20	7:19	1.18	83	97.9	24.4	6.90	14.2	YES	1100
21	9:28	1.21	83	100.4	24.8	7.40	16.7	YES	1100
22	9:09	1.51	83	125.3	24.6	7.50	18.2	YES	1100
23	6:36	1.48	83	122.8	23.8	7.50	19.2	YES	1100
24	7:43	1.29	83	107.1	23.7	7.50	18.9	YES	1100
25	6:25	1.04	83	86.3	24.5	7.60	18.1	YES	1100
26	17:35	1.24	83	102.9	25.1	7.60	17.7	YES	1100
27	7:15	1.13	83	93.8	26.4	7.60	16.0	YES	1100
28	12:11	1.17	83	97.1	26.9	7.50	15.0	YES	1100
29	23:54	1.16	83	96.3	27.9	7.60	14.5	YES	1100
30	23:52	1.07	83	88.8	28.5	7.50	13.3	YES	1100
31	3:25	1.02	83	84.7	28.2	7.60	14.0	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: July 2022

Minimum UVT [%] during month: 97.1% Duty sensor variation from reference sensor: 6.9%

Minimum Validated UVT : 98.3% {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	98.40	Y	582720	0	0
2	1100	98.90	Y	460224	0	0
3	1100	99.10	Y	272448	0	0
4	1100	98.90	Y	715968	0	0
5	1100	97.80	Y	333696	0	0
6	1100	98.80	Y	420864	0	0
7	1100	98.80	Y	361536	0	0
8	1100	98.50	Y	655488	0	0
9	1100	99.20	Y	317184	0	0
10	1100	98.70	Y	753792	0	0
11	1100	98.70	Y	531648	0	0
12	1100	98.10	Y	647232	0	0
13	1100	97.70	Y	463872	0	0
14	1100	97.70	Y	603072	0	0
15	1100	97.80	Y	618432	0	0
16	1100	99.20	Y	351552	0	0
17	1100	97.10	Y	462144	0	0
18	1100	97.20	Y	824448	0	0
19	1100	100.00	Y	452336	0	0
20	1100	100.00	Y	406080	0	0
21	1100	100.00	Y	899136	0	0
22	1100	100.00	Y	605376	0	0
23	1100	100.00	Y	433152	0	0
24	1100	100.00	Y	851904	0	0
25	1100	100.00	Y	563904	0	0
26	1100	100.00	Y	792384	0	0
27	1100	99.70	Y	639168	0	0
28	1100	100.00	Y	645696	0	0
29	1100	99.50	Y	705600	0	0
30	1100	99.60	Y	623808	0	0

31	1100	99.40	Y	726912	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature *Epr A McNeil* _____ Op Cert #: 09344 Date: 8/4/2022