

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A Month/Year: Aug/22
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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	0.030	NIS	0.040	0.030	0.030	NIS	0.050	1100
2	0.040	0.030	NIS	0.040	NIS	NIS	0.040	1100
3	0.040	0.030	NIS	0.030	0.030	NIS	0.040	1100
4	0.040	0.030	0.030	NIS	0.030	0.040	0.060	1100
5	NIS	NIS	0.040	0.030	0.040	NIS	0.050	1100
6	NIS	NIS	0.030	0.030	NIS	NIS	0.030	1100
7	NIS	0.030	0.030	0.030	NIS	NIS	0.040	1100
8	NIS	0.030	0.030	NIS	0.030	0.030	0.050	1100
9	NIS	NIS	0.030	0.030	0.030	NIS	0.050	1100
10	NIS	0.050	0.030	NIS	0.030	0.040	0.050	1100
11	NIS	NIS	0.030	0.030	NIS	NIS	0.030	1100
12	0.030	0.030	0.030	0.030	NIS	NIS	0.030	1100
13	0.030	0.030	0.030	0.030	NIS	0.030	0.030	1100
14	0.030	NIS	0.030	0.030	NIS	NIS	0.030	1100
15	0.030	NIS	NIS	0.030	NIS	NIS	0.050	1100
16	0.030	0.030	NIS	NIS	0.030	0.030	0.030	1100
17	NIS	NIS	0.030	0.030	0.030	NIS	0.040	1100
18	0.030	0.030	0.030	NIS	0.030	0.030	0.040	1100
19	NIS	0.030	0.030	0.030	0.030	0.030	0.060	1100
20	0.030	NIS	0.030	0.030	NIS	NIS	0.040	1100
21	0.030	NIS	0.030	NIS	NIS	0.030	0.090	1100
22	0.030	NIS	NIS	0.030	0.030	NIS	0.040	1100
23	NIS	0.030	0.030	0.030	0.030	0.030	0.030	1100
24	0.030	0.030	0.030	0.030	NIS	NIS	0.030	1100
25	0.030	0.030	0.030	0.030	NIS	0.030	0.030	1100
26	0.030	NIS	0.030	0.030	NIS	NIS	0.040	1100
27	0.030	0.030	NIS	NIS	0.030	NIS	0.030	1100
28	NIS	0.030	0.030	0.030	NIS	0.030	0.030	1100
29	0.030	NIS	0.030	0.030	0.030	nis	0.040	1100
30	0.030	0.030	0.030	0.030	0.030	nis	0.040	1100
31	0.030	0.030	NIS	0.030	NIS	NIS	0.040	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/DE Filtration	SIGNATURE: <i>Eryn McNeil</i> DATE: 09/06/2022
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: Aug-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	7:28	1.13	83	93.8	27.2	7.50	14.6	YES	1100
2	23:23	1.08	83	89.6	27.0	7.80	16.5	YES	1100
3	23:59	1.09	83	90.5	26.8	7.70	16.1	YES	1100
4	16:49	1.08	83	89.6	25.1	7.80	18.8	YES	1100
5	8:17	0.88	83	73.0	25.3	7.80	18.1	YES	1100
6	6:37	1.27	83	105.4	24.8	7.80	19.6	YES	1100
7	3:39	1.08	83	89.6	25.2	7.90	19.4	YES	1100
8	0:46	1.16	83	96.3	25.0	7.80	19.1	YES	1100
9	8:50	1.06	83	88.0	25.5	7.80	18.2	YES	1100
10	19:24	1.06	83	88.0	24.5	7.80	19.5	YES	1100
11	7:28	1.00	83	83.0	24.8	7.50	17.0	YES	1100
12	7:59	1.00	83	83.0	24.3	7.50	17.5	YES	1100
13	12:34	1.16	83	96.3	24.1	7.50	18.1	YES	1100
14	11:41	1.18	83	97.9	24.2	7.50	18.0	YES	1100
15	10:02	1.14	83	94.6	24.4	7.30	16.4	YES	1100
16	17:57	1.12	83	93.0	25.0	7.50	17.0	YES	1100
17	6:36	1.09	83	90.5	24.2	7.50	17.8	YES	1100
18	1:05	1.16	83	96.3	25.7	7.40	15.6	YES	1100
19	17:56	1.09	83	90.5	25.6	7.30	15.0	YES	1100
20	11:58	1.21	83	100.4	25.1	7.50	17.0	YES	1100
21	19:09	1.19	83	98.8	25.4	7.50	16.7	YES	1100
22	9:26	1.09	83	90.5	25.1	7.40	16.2	YES	1100
23	21:07	1.09	83	90.5	25.0	7.50	16.9	YES	1100
24	10:50	1.23	83	102.1	25.0	7.40	16.5	YES	1100
25	9:52	1.14	83	94.6	25.2	7.40	16.1	YES	1100
26	10:42	1.18	83	97.9	24.8	7.40	16.7	YES	1100
27	13:38	1.14	83	94.6	25.5	7.30	15.2	YES	1100
28	20:07	1.18	83	97.9	24.2	7.40	17.4	YES	1100
29	8:56	1.14	83	94.6	23.4	7.50	19.0	YES	1100
30	12:20	1.08	83	89.6	23.9	7.50	18.2	YES	1100
31	12:08	1.23	83	102.1	24.1	7.50	18.3	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

1 System Name: City of Myrtle Creek PWS ID#: 41-00550A Month/Year: August 2022

Minimum UVT [%] during month: 98.6% Duty sensor variation from reference sensor: 4.04%

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]	[^{mW} /cm ²]	[Y or N]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	1100	100.00	Y	544896	0	0
2	1100	99.20	Y	674880	0	0
3	1100	99.30	Y	699072	0	0
4	1100	99.10	Y	731904	0	0
5	1100	99.60	Y	561600	0	0
6	1100	99.20	Y	597120	0	0
7	1100	98.90	Y	660288	0	0
8	1100	99.30	Y	836544	0	0
9	1100	99.10	Y	565056	0	0
10	1100	98.90	Y	841920	0	0
11	1100	99.30	Y	541632	0	0
12	1100	99.90	Y	699456	0	0
13	1100	100.00	Y	672960	0	0
14	1100	99.80	Y	592320	0	0
15	1100	99.60	Y	573696	0	0
16	1100	99.90	Y	713280	0	0
17	1100	99.40	Y	637056	0	0
18	1100	99.40	Y	774144	0	0
19	1100	99.90	Y	752064	0	0
20	1100	99.30	Y	679104	0	0
21	1100	99.50	Y	731136	0	0
22	1100	99.90	Y	573312	0	0
23	1100	99.60	Y	809472	0	0
24	1100	99.90	Y	753600	0	0
25	1100	99.20	Y	723840	0	0
26	1100	99.00	Y	715968	0	0
27	1100	98.60	Y	676800	0	0
28	1100	98.90	Y	734784	0	0
29	1100	99.20	Y	600960	0	0
30	1100	99.60	Y	7618569	0	0

31	1100	99.20	Y	858624	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: *Eyn H McNeil* _____ Op Cert #: 09344 Date: 09/06/2022