

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A	Month/Year: Nov/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	NIS	0.030	NIS	NIS	0.040	900
2	0.030	NIS	0.030	0.030	NIS	NIS	0.040	900
3	0.030	0.030	0.030	0.030	0.030	0.040	0.090	900
4	NIS	NIS	0.030	0.030	NIS	NIS	0.110	900
5	NIS	NIS	0.040	NIS	NIS	0.040	0.040	900
6	NIS	NIS	0.040	0.060	0.040	0.030	0.070	700
7	NIS	NIS	0.030	0.040	0.030	0.030	0.050	700
8	NIS	NIS	0.030	0.030	0.030	NIS	0.030	700
9	NIS	NIS	0.020	0.020	0.020	NIS	0.040	700
10	NIS	NIS	0.020	0.020	0.020	0.020	0.030	700
11	NIS	NIS	0.020	0.020	0.020	NIS	0.030	700
12	NIS	NIS	0.020	0.020	0.020	0.020	0.030	700
13	NIS	NIS	0.020	0.020	NIS	NIS	0.030	700
14	NIS	0.030	0.020	0.020	0.020	0.020	0.050	700
15	NIS	NIS	NIS	0.020	0.020	0.020	0.030	700
16	0.020	0.020	0.020	NIS	0.020	0.020	0.030	700
17	NIS	NIS	0.020	NIS	0.020	NIS	0.020	700
18	NIS	NIS	0.020	0.020	NIS	NIS	0.030	700
19	NIS	NIS	0.020	0.020	0.020	NIS	0.030	700
20	NIS	NIS	0.020	0.020	0.020	NIS	0.020	700
21	NIS	NIS	0.020	0.020	0.020	NIS	0.030	700
22	NIS	NIS	0.020	0.020	0.020	0.020	0.050	700
23	NIS	0.020	0.020	0.020	0.020	NIS	0.030	700
24	NIS	NIS	0.020	0.020	0.020	NIS	0.030	700
25	NIS	NIS	0.020	0.020	0.020	NIS	0.020	700
26	NIS	NIS	0.020	0.020	NIS	NIS	0.020	700
27	NIS	0.020	0.020	0.020	0.020	0.020	0.030	700
28	0.020	0.020	0.020	0.020	NIS	NIS	0.020	700
29	NIS	0.020	0.020	0.020	0.020	0.020	0.020	700
30	NIS	NIS	NIS	0.020	0.020	0.020	0.020	700

<p>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;">OR</p> <p>Slow Sand/Cartridge/Membrane/DE Filtration</p> <p>95% of turbidity readings < 1 NTU? Yes / No</p> <p>All turbidity readings < 5 NTU? Yes / No</p> <p>Is there 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other Yes / No</p>	<p>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> <p>PRINTED NAME: Steven Ledbetter</p> <p>SIGNATURE: <i>Steven Ledbetter</i></p> <p>PHONE: 541-863-3171</p> <p>DATE: 12/1/2022</p> <p>CERT #: 08622</p> <p>CTViral: Required= 4 Achieved= 4</p>
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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: Nov-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	9:50	1.12	83	93.0	14.5	7.60	35.7	YES	900
2	6:51	1.21	83	100.4	13.5	7.70	39.9	YES	900
3	4:04	1.15	83	95.5	13.0	7.70	41.0	YES	900
4	9:36	1.27	83	105.4	12.3	7.70	43.7	YES	900
5	21:58	1.22	83	101.3	13.2	7.70	40.8	YES	900
6	9:50	1.03	83	85.5	15.4	7.50	32.0	YES	700
7	9:35	0.75	83	62.3	12.0	7.40	37.9	YES	700
8	7:10	0.44	83	36.5	11.7	7.30	36.0	YES	700
9	6:50	0.88	83	73.0	11.6	7.40	39.4	YES	700
10	13:59	1.09	83	90.5	10.8	7.50	44.0	YES	700
11	10:58	1.10	83	91.30	10.7	7.50	44.39	YES	700
12	5:37	1.01	83	83.8	10.6	7.60	45.8	YES	700
13	8:57	1.16	83	6.43	10.3	7.60	47.54	YES	700
14	5:25	1.17	83	97.1	10.4	7.60	47.3	YES	700
15	12:44	1.33	83	110.4	10.2	7.70	50.6	YES	700
16	15:58	1.24	83	102.9	8.9	7.50	50.8	YES	700
17	16:02	1.41	83	117.0	8.4	7.70	57.6	YES	700
18	11:19	1.04	83	86.3	9.8	7.60	48.5	YES	700
19	7:11	0.95	83	78.9	8.6	7.60	52.0	YES	700
20	6:56	1.04	83	86.3	8.1	7.70	56.3	YES	700
21	6:29	0.95	83	78.9	7.9	7.50	52.6	YES	700
22	8:27	0.92	83	76.4	7.8	7.70	56.7	YES	700
23	15:57	1.09	83	90.5	8.0	7.70	57.0	YES	700
24	5:46	1.05	83	87.2	8.1	7.80	58.4	YES	700
25	9:31	1.10	83	91.3	8.9	7.70	53.7	YES	700
26	7:04	0.95	83	78.9	9.4	7.70	51.1	YES	700
27	11:05	0.81	83	67.2	9.2	7.70	50.9	YES	700
28	8:44	0.78	83	64.7	9.1	7.80	53.0	YES	700
29	9:37	1.04	83	86.3	9.3	7.50	48.4	YES	700
30	9:42	1.07	83	88.8	9.4	7.70	51.8	YES	700

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: NOV/2022

Minimum UVT [%] during month: 93.0% Duty sensor variation from reference sensor:5.2%

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	900	98.60	Y	347392	0	0
2	900	98.20	Y	531456	0	0
3	900	98.30	Y	660224	0	0
4	900	97.90	Y	403968	0	0
5	900	98.30	Y	473600	0	0
6	700	94.60	Y	655104	0	0
7	700	94.70	Y	500224	0	0
8	700	91.30	Y	452608	0	0
9	700	90.90	Y	4884483	0	0
10	700	92.70	Y	633344	0	0
11	700	96.20	Y	468992	0	0
12	700	96.10	Y	572160	0	0
13	700	96.20	Y	363264	0	0
14	700	97.60	Y	719104	0	0
15	700	95.0	Y	496896	0	0
16	700	98.20	Y	497408	0	0
17	700	97.20	Y	356352	0	0
18	700	97.40	Y	455168	0	0
19	700	98.00	Y	606208	0	0
20	700	98.20	Y	477696	0	0
21	700	98.10	Y	463616	0	0
22	700	98.60	Y	576512	0	0
23	700	98.10	Y	434688	0	0
24	700	98.40	Y	525568	0	0
25	700	98.20	Y	534272	0	0
26	700	98.70	Y	305920	0	0
27	700	98.70	Y	606208	0	0
28	700	98.80	Y	359936	0	0
29	700	98.50	Y	697088	0	0
30	700	97.80	Y	512000	0	0

Monthly Cumulative % Off-Spec Water Produced

0

Signature:



Op Cert #: _08622_

Date: _12/1/2022_