

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A	Month/Year: Jan./2024
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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	0.010	0.010	NIS	NIS	0.010	700
2	NIS	NIS	0.010	0.010	0.010	NIS	0.010	700
3	NIS	NIS	NIS	0.020	0.010	0.010	0.020	700
4	0.010	0.010	0.010	NIS	NIS	NIS	0.010	700
5	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
6	0.010	NIS	0.010	NIS	NIS	NIS	0.010	700
7	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
8	0.010	NIS	0.010	NIS	NIS	NIS	0.010	700
9	NIS	NIS	0.020	0.010	0.010	0.010	0.020	700
10	NIS	NIS	0.020	0.010	NIS	NIS	0.020	700
11	0.010	0.010	0.010	0.020	0.020	NIS	0.020	700
12	NIS	0.010	0.010	0.010	0.010	0.010	0.020	700
13	0.020	0.010	0.010	NIS	NIS	0.010	0.020	700
14	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS
15	NIS	NIS	0.020	0.020	0.020	0.010	0.020	700
16	0.010	0.010	NIS	0.010	0.010	0.010	0.010	700
17	0.010	0.010	0.010	0.010	NIS	NIS	0.010	700
18	NIS	NIS	0.010	NIS	NIS	NIS	0.010	700
19	NIS	NIS	NIS	0.020	0.020	0.010	0.020	700
20	0.010	0.010	NIS	0.010	0.010	0.010	0.010	700
21	0.010	0.010	NIS	NIS	NIS	0.020	0.020	700
22	0.010	0.010	0.010	0.010	NIS	NIS	0.010	700
23	NIS	NIS	0.020	0.020	NIS	NIS	0.020	700
24	NIS	NIS	NIS	0.020	0.020	0.010	0.020	700
25	0.010	0.010	0.010	0.010	NIS	NIS	0.010	700
26	NIS	NIS	0.010	0.020	0.020	0.010	0.020	700
27	NIS	NIS	0.020	NIS	0.020	0.020	0.020	700
28	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS
29	NIS	NIS	0.020	0.020	0.020	0.010	0.020	700
30	0.010	0.020	0.020	0.020	0.020	0.020	0.020	700
31	0.010	NIS	0.020	0.020	NIS	NIS	0.020	700

Conventional or Direct Filtration	Monthly UV Summary (Circle Yes or No)	
95% of the 4-hour turbidity readings ≤ 0.3 NTU? Yes / No	Is volume of off-spec water produced less than 5% in the month? Yes No	
All the 4-hour turbidity readings < 1 NTU? Yes / No		
All turbidity readings < IFE triggers? Yes / No ²		
OR	PRINTED NAME: Steve Ledbetter	
Slow Sand/Cartridge Membrane/UF Filtration	SIGNATURE: <i>Steve Ledbetter</i>	DATE: Feb. 1, 2024
95% of turbidity readings < 1 NTU? Yes No	PHONE: 541-863-3171	CERT #: 08622
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	CT _{viral} : Required= 4 Achieved= 4

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: Jan-24

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	6:55	0.95	83	78.9	10.4	7.6	46.1	YES	700
2	16:02	0.83	83	68.9	10.3	7.3	41.2	YES	700
3	9:34	0.71	83	58.9	9.6	7.6	47.3	YES	700
4	23:46	0.85	83	70.6	9.4	7.6	48.7	YES	700
5	7:25	0.86	83	71.4	9.3	7.5	47.4	YES	700
6	7:50	0.80	83	66.4	9.6	7.2	41.5	YES	700
7	12:20	0.82	83	68.1	9.5	7.2	41.9	YES	700
8	6:15	0.79	83	65.6	8.5	7.6	51.4	YES	700
9	7:34	0.82	83	68.1	8.6	7.3	46.0	YES	700
10	7:25	0.83	83	68.9	8.8	7.2	43.9	YES	700
11	10:08	0.98	83	81.3	8.0	7.3	48.8	YES	700
12	4:57	1.04	83	86.3	9.4	6.8	37.6	YES	700
13	8:21	1.11	83	92.1	9.7	7.3	44.2	YES	700
14	NIS	NIS	83	NIS	NIS	NIS	NIS	NIS	NIS
15	10:19	0.56	83	46.5	9.5	7.1	39.3	YES	700
16	14:56	1.04	83	86.3	9.2	7.3	45.4	YES	700
17	8:56	1.14	83	94.6	8.7	7.3	47.4	YES	700
18	9:33	0.93	83	77.2	9.2	7.2	43.3	YES	700
19	11:59	0.78	83	64.7	10.3	7.0	36.9	YES	700
20	23:43	1.01	83	83.8	10.3	7.2	40.6	YES	700
21	7:32	0.95	83	78.85	10.1	7.3	42.3	YES	700
22	9:06	0.99	83	82.2	10.2	7.2	40.8	YES	700
23	8:31	1.03	83	85.5	10.8	7.2	39.4	YES	700
24	13:54	0.94	83	78.0	11.2	7.2	38.0	YES	700
25	7:11	1.14	83	94.6	10.1	7.4	44.8	YES	700
26	11:53	0.79	83	65.6	10.5	7.3	40.5	YES	700
27	11:28	0.97	83	80.5	11.0	7.0	36.1	YES	700
28	NIS	NIS	83	NIS	NIS	NIS	NIS	NIS	NIS
29	9:23	0.72	83	59.8	11.7	7.1	34.7	YES	700
30	16:36	0.91	83	75.5	11.7	7.1	35.4	YES	700
31	9:36	0.99	83	82.2	12.1	7.2	36.1	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: Jan./2024

Minimum UVT [%] during month: .89.9 Duty sensor variation from reference sensor: .2.10 %

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	700	96.8	Y	363264	0	0
2	700	96.1	Y	407040	0	0
3	700	95.8	Y	778240	0	0
4	700	95.8	Y	359936	0	0
5	700	96.7	Y	866048	0	0
6	700	93.5	Y	237568	0	0
7	700	94.1	Y	807424	0	0
8	700	90.8	Y	238592	0	0
9	700	94.4	Y	634112	0	0
10	700	89.9	Y	525312	0	0
11	700	91.9	Y	530944	0	0
12	700	94.0	Y	933888	0	0
13	700	92.5	Y	544000	0	0
14	NIS	NIS	Y	NIS	0	#VALUE!
15	700	93.6	Y	631040	0	0
16	700	95.3	Y	808192	0	0
17	700	96.4	Y	553728	0	0
18	700	96.5	Y	229120	0	0
19	700	95.4	Y	672000	0	0
20	700	94.3	Y	942336	0	0
21	700	94.4	Y	446464	0	0
22	700	95.8	Y	542464	0	0
23	700	95.8	Y	315648	0	0
24	700	96.5	Y	636672	0	0
25	700	95.9	Y	617728	0	0
26	700	97.5	Y	694528	0	0
27	700	96.2	Y	438272	0	0
28	NIS	NIS	Y	NIS	0	#VALUE!
29	700	96.9	Y	722176	0	0
30	700	96.9	Y	951296	0	0
31	700	97.0	Y	423424	0	0
Monthly Cumulative % Off-Spec Water Produced						#VALUE!

Signature:  Op Cert #: 08622 Date: Feb. 1, 2024