

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek			ID #: 41-00550				WTP: A	Month/Year: 1/2023	
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	NIS	NIS	0.020	NIS	0.020	0.020	0.020	700	
3	NIS	NIS	NIS	0.020	0.020	NIS	0.020	700	
4	NIS	NIS	0.020	NIS	0.020	NIS	0.020	700	
5	NIS	NIS	NIS	0.020	0.020	NIS	0.020	700	
6	NIS	NIS	0.020	0.020	0.020	NIS	0.020	700	
7	NIS	NIS	0.020	0.020	NIS	NIS	0.020	700	
8	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700	
9	NIS	NIS	NIS	0.020	0.020	NIS	0.020	700	
10	NIS	NIS	NIS	0.020	0.020	NIS	0.020	700	
11	NIS	NIS	NIS	0.020	0.020	0.020	0.020	700	
12	NIS	NIS	NIS	0.020	NIS	NIS	0.020	700	
13	NIS	NIS	0.020	NIS	0.020	0.020	0.020	700	
14	NIS	NIS	0.020	NIS	NIS	0.020	0.020	700	
15	NIS	NIS	0.020	0.020	NIS	NIS	0.020	700	
16	NIS	NIS	0.020	0.020	0.020	NIS	0.020	700	
17	NIS	NIS	0.020	NIS	0.020	0.020	0.020	700	
18	0.020	0.020	0.020	0.020	0.020	NIS	0.020	700	
19	NIS	NIS	NIS	0.020	0.020	0.020	0.020	700	
20	0.020	NIS	0.020	NIS	NIS	NIS	0.020	700	
21	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700	
22	0.020	NIS	0.020	NIS	NIS	NIS	0.020	700	
23	NIS	NIS	NIS	0.020	0.020	0.020	0.020	700	
24	0.020	0.020	0.020	NIS	NIS	NIS	0.020	700	
25	NIS	NIS	NIS	0.020	0.020	0.020	0.020	700	
26	0.020	0.020	0.020	NIS	NIS	NIS	0.020	700	
27	NIS	NIS	NIS	NIS	0.020	0.020	0.020	700	
28	0.020	0.020	NIS	NIS	NIS	NIS	0.020	700	
29	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700	
30	0.020	NIS	0.020	NIS	NIS	NIS	0.020	700	
31	NIS	NIS	NIS	0.020	0.020	0.020	0.020	700	

Conventional or Direct Filtration		Monthly UV Summary (Circle Yes or No)	
95% of the 4-hour turbidity readings $\leq$ 0.3 NTU?	Yes / No	Is volume of off-spec water produced less than 5% in the month?	
All the 4-hour turbidity readings < 1 NTU?	Yes / No	Yes No	
All turbidity readings < IFE triggers?	Yes / No 2		
OR		PRINTED NAME: Steve Ledbetter	
Slow Sand/Cartridge Membrane/E Filtration		SIGNATURE: <i>Steve Ledbetter</i>	DATE: 2/1/2023
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 ☒ Chlorine; ☐ 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 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-23
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	7:21	1.10	83	91.3	10.4	7.30	42.2	YES	700
2	7:24	1.27	83	105.4	9.9	7.30	44.5	YES	700
3	5:53	1.13	83	93.8	8.6	7.30	47.7	YES	700
4	1:25	1.09	83	90.5	8.1	7.30	49.1	YES	700
5	9:08	1.15	83	95.5	9.0	7.30	46.6	YES	700
6	11:24	1.00	83	83.0	8.9	7.40	47.7	YES	700
7	6:59	0.96	83	79.7	9.9	7.20	41.5	YES	700
8	6:34	0.97	83	80.5	9.8	7.30	43.3	YES	700
9	8:53	0.93	83	77.2	9.7	7.40	44.9	YES	700
10	10:24	1.00	83	83.0	9.5	7.40	45.9	YES	700
11	9:51	0.90	83	74.7	9.4	7.30	44.1	YES	700
12	9:40	1.05	83	87.2	9.8	7.30	43.7	YES	700
13	17:13	1.12	83	93.0	10.5	7.20	40.6	YES	700
14	17:57	1.02	83	84.7	10.9	7.40	41.9	YES	700
15	8:24	1.02	83	84.7	10.8	7.30	40.7	YES	700
16	7:10	1.00	83	83.0	10.8	7.30	40.7	YES	700
17	7:44	1.05	83	87.2	10.1	7.30	42.8	YES	700
18	4:08	1.26	83	104.6	9.6	7.30	45.3	YES	700
19	2:26	1.14	83	94.6	9.7	7.20	42.9	YES	700
20	9:12	1.09	83	90.5	8.5	7.40	49.5	YES	700
21	7:46	0.98	83	81.3	9.4	7.10	41.5	YES	700
22	9:18	1.13	83	93.8	7.9	7.40	51.8	YES	700
23	8:56	1.14	83	94.6	8.1	7.10	46.0	YES	700
24	10:17	1.07	83	88.8	7.5	7.40	52.8	YES	700
25	2:45	1.03	83	85.5	7.9	7.10	46.0	YES	700
26	10:35	1.15	83	95.5	7.2	7.60	58.5	YES	700
27	13:50	1.03	83	85.5	7.4	7.50	54.9	YES	700
28	13:46	1.04	83	86.3	8.2	7.60	54.0	YES	700
29	10:43	1.09	83	90.5	7.9	7.50	53.4	YES	700
30	8:24	1.01	83	83.8	7.7	6.80	41.9	YES	700
31	8:16	1.06	83	88.0	6.5	7.50	58.5	YES	700

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013

COUNTY: Douglas**Oregon DHS - Drinking Water Program – Surface Water Quality Data**System Name: City of Myrtle CreekPWS ID#: 41-00550AMonth/Year: Jan../2023Minimum UVT [%] during month: 96.1 Duty sensor variation from reference sensor: 3.05 %

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	96.30	Y	567808	0	0
2	700	97.30	Y	510720	0	0
3	700	98.30	Y	394240	0	0
4	700	98.20	Y	498688	0	0
5	700	98.10	Y	440576	0	0
6	700	98.10	Y	502784	0	0
7	700	97.20	Y	356352	0	0
8	700	97.40	Y	640512	0	0
9	700	95.40	Y	452096	0	0
10	700	94.90	Y	431616	0	0
11	700	96.20	Y	550400	0	0
12	700	97.00	Y	346112	0	0
13	700	96.10	Y	629760	0	0
14	700	95.50	Y	472832	0	0
15	700	97.50	Y	295680	0	0
16	700	97.30	Y	403968	0	0
17	700	97.30	Y	535296	0	0
18	700	97.40	Y	525568	0	0
19	700	97.80	Y	579328	0	0
20	700	98.70	Y	143872	0	0
21	700	98.10	Y	864000	0	0
22	700	98.40	Y	51968	0	0
23	700	98.30	Y	778496	0	0
24	700	99.40	Y	296704	0	0
25	700	97.80	Y	590080	0	0
26	700	99.70	Y	406528	0	0
27	700	98.70	Y	560640	0	0
28	700	99.80	Y	260864	0	0
29	700	99.20	Y	845312	0	0
30	700	99.70	Y	144128	0	0
31	700	99.70	Y	767488	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature:  Op Cert #: 08622 Date: 2/1/2023