

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek			ID #: 41-00550				WTP Month/Year: May/2024	
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	OFF	0.020	OFF	0.020	700
2	OFF	OFF	0.020	0.020	0.020	0.020	0.020	700
3	OFF	OFF	0.020	0.020	OFF	OFF	0.030	700
4	0.020	OFF	0.020	OFF	0.020	0.020	0.020	700
5	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
6	OFF	OFF	OFF	0.030	0.020	0.020	0.030	700
7	0.020	0.020	0.020	0.020	OFF	OFF	0.020	700
8	OFF	OFF	0.020	0.020	0.020	OFF	0.020	700
9	OFF	OFF	0.020	0.020	0.020	0.020	0.030	700
10	OFF	OFF	0.020	0.020	OFF	OFF	0.030	700
11	OFF	OFF	0.020	0.020	0.020	0.020	0.020	700
12	OFF	OFF	0.020	0.020	0.020	0.020	0.020	700
13	OFF	OFF	0.020	0.020	0.020	OFF	0.020	700
14	0.020	0.020	OFF	OFF	0.020	0.020	0.020	700
15	OFF	OFF	0.020	0.020	0.020	0.020	0.020	700
16	OFF	OFF	0.020	0.020	0.020	0.020	0.020	700
17	0.020	OFF	OFF	0.020	0.020	OFF	0.030	700
18	OFF	OFF	0.030	0.020	0.020	0.020	0.030	700
19	OFF	OFF	0.020	0.020	0.020	OFF	0.020	700
20	OFF	OFF	OFF	0.020	0.020	0.020	0.020	700
21	0.020	OFF	0.020	0.020	OFF	OFF	0.020	700
22	OFF	OFF	0.020	0.020	0.020	0.020	0.020	700
23	0.020	0.020	0.020	0.020	OFF	OFF	0.020	700
24	OFF	OFF	0.020	0.020	0.020	0.020	0.030	700
25	0.020	0.020	0.020	0.020	0.020	0.020	0.030	700
26	0.020	OFF	0.020	0.020	0.020	0.020	0.030	700
27	0.020	0.020	0.020	0.020	OFF	0.020	0.020	700
28	0.020	0.020	0.020	0.020	OFF	OFF	0.020	900
29	OFF	OFF	0.020	0.030	0.020	0.020	0.030	900
30	0.030	0.020	0.020	0.020	OFF	OFF	0.030	900
31	OFF	OFF	0.040	0.030	0.020	0.020	0.030	900

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?	
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/DE Filtration		SIGNATURE: <i>Steve Ledbetter</i>	DATE: June 3, 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 PM" may not correspond to continuous readings maximum. ² IFE = Individual Filter Effluent. (OAR 333-061-0040 (1)(d)(B&C)) "8

OHA - Drinking Water Services - Surface Water Quality Data Form						WTP - :	A
System Name:	City of Myrtle Creek	ID#: 41	00550	Month/Year:	May-24	Disinfection <i>Giardia</i> 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	9:35	1.11	83	92.1	12.4	6.9	32.4	YES	700
2	11:36	1.04	83	86.3	13.7	6.9	28.8	YES	700
3	7:21	1.01	83	83.8	14.2	7.3	32.2	YES	700
4	16:36	1.02	83	84.7	13.8	6.9	28.5	YES	700
5	OFF	OFF	83	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF
6	13:10	0.60	83	49.8	12.8	6.9	29.0	YES	700
7	6:23	1.02	83	84.7	11.4	7.0	35.3	YES	700
8	9:28	0.82	83	68.1	11.8	6.9	32.6	YES	700
9	7:53	0.97	83	80.5	12.8	7.3	35.1	YES	700
10	7:43	1.07	83	88.8	13.9	6.9	28.5	YES	700
11	8:11	0.74	83	61.4	15.4	7.5	31.0	YES	700
12	8:10	1.05	83	87.2	16.8	7.0	24.3	YES	700
13	8:40	1.01	83	83.8	17.1	7.3	26.5	YES	700
14	17:34	1.11	83	92.1	17.5	7.5	28.1	YES	700
15	6:11	1.17	83	97.1	17.3	7.5	28.7	YES	700
16	9:32	0.92	83	76.4	18.1	7.5	26.4	YES	700
17	9:21	0.50	83	41.5	18.3	7.5	24.8	YES	700
18	13:15	0.83	83	68.9	17.8	7.5	26.7	YES	700
19	8:36	0.97	83	80.5	18.1	7.6	27.6	YES	700
20	7:30	0.93	83	77.2	16.8	7.6	29.9	YES	700
21	8:09	0.99	83	82.2	16.8	7.6	30.1	YES	700
22	6:36	1.02	83	84.7	17.2	7.5	28.4	YES	700
23	7:40	0.90	83	74.7	16.6	7.6	30.2	YES	700
24	9:37	0.81	83	67.2	16.4	7.6	30.3	YES	700
25	11:28	1.00	83	83.0	18.0	7.6	27.9	YES	700
26	8:18	0.82	83	68.1	17.1	7.5	27.9	YES	700
27	8:00	1.14	83	94.6	17.8	7.6	28.7	YES	700
28	8:17	0.99	83	82.2	18.7	7.6	26.5	YES	900
29	8:00	0.92	83	76.4	18.2	7.5	26.2	YES	900
30	12:45	1.06	83	88.0	18.0	7.6	28.0	YES	900
31	17:49	1.05	83	87.2	18.2	7.5	26.6	YES	900

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: May 2024

Minimum UVT [%] during month: 93.9 Duty sensor variation from reference sensor: 3.2 %

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	700	98.0	Y	470016	0	0
2	700	98.8	Y	570112	0	0
3	700	98.4	Y	558848	0	0
4	700	97.5	Y	432896	0	0
5	700	OFF	Y	OFF	0	#VALUE!
6	700	93.9	Y	632064	0	0
7	700	95.1	Y	628736	0	0
8	700	96.1	Y	502016	0	0
9	700	98.6	Y	646656	0	0
10	700	97.4	Y	458496	0	0
11	700	97.4	Y	741888	0	0
12	700	97.2	Y	585984	0	0
13	700	97.5	Y	937952	0	0
14	700	97.6	Y	627456	0	0
15	700	98.4	Y	775424	0	0
16	700	97.7	Y	736000	0	0
17	700	98.2	Y	483840	0	0
18	700	98.9	Y	654592	0	0
19	700	98.8	Y	497664	0	0
20	700	99.3	Y	776960	0	0
21	700	99.2	Y	409600	0	0
22	700	98.8	Y	894720	0	0
23	700	99.2	Y	476672	0	0
24	700	99.5	Y	810240	0	0
25	700	98.8	Y	543232	0	0
26	700	99.3	Y	807936	0	0
27	700	99.0	Y	833280	0	0
28	900	99.0	Y	644352	0	0
29	900	98.8	Y	866560	0	0
30	900	98.7	Y	690432	0	0
31	900	98.5	Y	1043968	0	0
Monthly Cumulative % Off-Spec Water Produced						#VALUE!

Signature:  Op Cert #: 08622 Date: June 3, 2024