

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek			ID #: 41-00550				WTP: A	Month/Year: July/24	
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	OFF	0.030	0.030	0.030	0.030	0.030	1100	
2	OFF	0.020	0.020	0.020	0.030	0.030	0.030	1100	
3	OFF	OFF	0.030	0.030	0.020	0.020	0.030	1100	
4	OFF	OFF	0.030	0.030	0.030	OFF	0.030	1100	
5	OFF	0.030	0.030	0.030	0.030	0.030	0.030	1100	
6	0.030	OFF	0.030	0.030	0.030	OFF	0.030	1100	
7	OFF	OFF	0.030	0.030	0.030	0.030	0.030	1100	
8	0.030	0.030	0.030	0.030	OFF	OFF	0.030	1100	
9	OFF	0.020	0.030	0.030	0.030	OFF	0.030	1100	
10	OFF	0.030	0.030	0.030	0.030	OFF	0.030	1100	
11	OFF	0.030	0.020	0.020	0.030	0.030	0.030	1100	
12	OFF	OFF	0.030	0.030	0.030	OFF	0.030	1100	
13	OFF	OFF	0.030	0.030	0.030	0.030	0.030	1100	
14	OFF	OFF	0.030	0.030	0.030	0.030	0.030	1100	
15	OFF	OFF	0.030	0.030	0.030	0.030	0.030	1100	
16	0.030	OFF	0.030	0.030	0.030	OFF	0.030	1100	
17	OFF	OFF	0.030	0.030	0.030	0.030	0.030	1100	
18	0.030	OFF	0.030	0.030	0.030	OFF	0.030	1100	
19	OFF	OFF	0.030	0.030	0.030	0.030	0.030	1100	
20	0.020	0.030	OFF	OFF	OFF	0.030	0.030	1100	
21	0.030	0.020	0.030	0.020	OFF	OFF	0.030	1100	
22	0.030	0.030	0.030	0.030	OFF	OFF	0.030	1100	
23	OFF	0.020	0.020	0.020	OFF	OFF	0.020	1100	
24	OFF	OFF	0.150	0.177	0.071	0.058	0.177	1100	
25	0.059	0.058	0.077	0.072	0.075	OFF	0.077	1100	
26	OFF	OFF	0.049	OFF	OFF	0.075	0.080	1100	
27	0.053	0.054	0.051	0.041	0.045	OFF	0.053	1100	
28	OFF	OFF	0.047	0.044	0.041	0.039	0.047	1100	
29	OFF	OFF	0.044	OFF	OFF	OFF	0.044	1100	
30	0.043	0.035	OFF	OFF	OFF	0.050	0.050	1100	
31	0.036	0.041	0.041	0.044	0.041	0.043	0.044	1100	

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 DE Filtration		SIGNATURE: <i>Steve Ledbetter</i>	DATE: August 5, 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	
		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: Jul-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	12:56	0.69	83	57.3	24.1	7.8	19.2	YES	1100
2	21:48	0.55	83	45.7	24.0	7.8	19.0	YES	1100
3	12:14	0.91	83	75.5	24.3	7.9	20.2	YES	1100
4	6:43	0.86	83	71.4	24.2	8.1	21.8	YES	1100
5	5:02	0.88	83	73.0	24.4	7.8	19.2	YES	1100
6	13:00	0.92	83	76.4	25.7	7.8	17.7	YES	1100
7	7:40	0.74	83	61.4	26.2	7.8	16.8	YES	1100
8	2:30	0.76	83	63.1	26.7	7.9	16.9	YES	1100
9	2:25	0.76	83	63.1	26.5	7.8	16.5	YES	1100
10	3:25	0.78	83	64.7	27.2	7.8	15.7	YES	1100
11	3:23	0.75	83	62.3	26.4	7.9	17.2	NIS	1100
12	8:12	0.89	83	73.9	26.7	8.1	18.5	YES	1100
13	8:01	0.83	83	68.9	26.5	8.1	18.6	YES	1100
14	7:45	0.88	83	73.0	26.9	8.3	19.6	YES	1100
15	8:06	0.75	83	62.3	27.5	8.4	19.3	YES	1100
16	7:53	0.98	83	81.3	27.4	8.3	19.2	YES	1100
17	7:13	0.61	83	50.6	26.0	8.0	18.0	YES	1100
18	10:33	0.90	83	74.7	26.9	8.2	18.9	YES	1100
19	7:27	0.75	83	62.3	26.1	8.1	18.9	YES	1100
20	9:42	0.95	83	78.9	26.2	8.1	19.2	YES	1100
21	13:43	1.13	83	93.8	26.1	8.1	19.8	YES	1100
22	1:52	0.84	83	69.7	25.1	8.0	19.7	YES	1100
23	2:49	1.00	83	83.0	24.2	8.0	21.3	YES	1100
24	20:32	0.37	83	30.7	24.7	7.1	13.6	YES	1100
25	14:31	1.36	83	112.9	24.8	7.4	17.0	YES	1100
26	9:55	0.59	83	49.0	23.7	7.4	16.8	YES	1100
27	3:28	0.24	83	19.9	23.9	7.6	17.1	YES	1100
28	7:32	1.48	83	122.8	24.1	7.7	20.3	YES	1100
29	6:15	1.43	83	118.7	24.9	7.3	16.4	YES	1100
30	12:41	1.42	83	117.9	24.5	7.3	16.8	YES	1100
31	11:38	1.18	83	97.9	24.9	7.30	15.9	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

System Name: City of Myrtle Creek PWS ID#: 41-00550A Month/Year: July 24

Minimum UVT [%] during month: 93.0 Duty sensor variation from reference sensor: 2.6 %

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	97.6	Y	734976	0	0
2	1100	97.6	Y	1224448	0	0
3	1100	97.5	Y	1135872	0	0
4	1100	97.6	Y	827648	0	0
5	1100	96.7	Y	1456384	0	0
6	1100	94.7	Y	682496	0	0
7	1100	97.1	Y	1367296	0	0
8	1100	96.9	Y	840704	0	0
9	1100	96.5	Y	1258496	0	0
10	1100	94.6	Y	1036032	0	0
11	1100	96.1	Y	1496832	0	0
12	1100	96.0	Y	939264	0	0
13	1100	95.2	Y	1189376	0	0
14	1100	95.0	Y	965888	0	0
15	1100	93.7	Y	1243392	0	0
16	1100	94.3	Y	741120	0	0
17	1100	95.8	Y	1386752	0	0
18	1100	93.6	Y	795904	0	0
19	1100	95.5	Y	1302016	0	0
20	1100	94.3	Y	1015808	0	0
21	1100	93.0	Y	905984	0	0
22	1100	95.1	Y	1004800	0	0
23	1100	95.4	Y	1046784	0	0
24	1100	97.9	Y	1263616	0	0
25	1100	98.4	Y	814592	0	0
26	1100	98.2	Y	718592	0	0
27	1100	97.7	Y	1119488	0	0
28	1100	98.1	Y	1148416	0	0
29	1100	97.9	Y	455680	0	0
30	1100	97.8	Y	1022464	0	0
31	1100	98.1	Y	1484032	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature:  Op Cert #: 08622 Date: August 5, 2024