

# Membrane Filter Monthly Operating Report

County: **Douglas**

System Name: **City of Myrtle Creek**

Month/Year: **Nov. 2025**

PWS ID#: 41 - **00550**

Minimum test pressure **applied || req'd:** 30.66 psi || 27 psi

Plant ID: WTP - **River Plant**

(e.g., "A")

DIT = Direct Integrity Test on filter(s) [Yes, No, or "off" if all filters are offline] ⇔

PDR = Pressure Decay Rate

LRC = Log Removal Credit

**PDR<sub>Max</sub> [<sup>psi</sup>/<sub>min</sub>]**

**LRC [log removal]**

**0.090**

**4.00**

**DIT Daily**

Day	CFE Daily Turbidity [NTU]	Highest CFE* [NTU]	Highest IFE [NTU] (>15 min duration)	Highest PDR of day [ <sup>psi</sup> / <sub>min</sub> ]	Lowest LRV <sub>ambient</sub> of day [log removal]	[Y/N] or "off"
1	0.080	0.080	0.030	0.064	4.48	Y
2	OFF	OFF	OFF	OFF	OFF	OFF
3	0.080	0.080	0.022	0.064	4.48	Y
4	OFF	OFF	OFF	OFF	OFF	OFF
5	0.055	0.055	0.026	0.064	4.50	Y
6	OFF	OFF	OFF	OFF	OFF	OFF
7	0.082	0.082	0.020	0.075	4.41	Y
8	OFF	OFF	OFF	OFF	OFF	OFF
9	0.079	0.079	0.039	0.064	4.45	Y
10	OFF	OFF	OFF	OFF	OFF	OFF
11	0.078	0.078	0.029	0.064	4.48	Y
12	OFF	OFF	OFF	OFF	OFF	OFF
13	0.081	0.081	0.025	0.064	4.49	Y
14	OFF	OFF	OFF	OFF	OFF	OFF
15	0.055	0.055	0.025	0.064	4.51	Y
16	0.082	0.082	0.026	0.064	4.51	Y
17	OFF	OFF	OFF	OFF	OFF	OFF
18	0.085	0.085	0.027	0.064	4.53	Y
19	OFF	OFF	OFF	OFF	OFF	OFF
20	OFF	OFF	OFF	OFF	OFF	OFF
21	0.092	0.092	0.025	0.075	4.41	Y
22	OFF	OFF	OFF	OFF	OFF	OFF
23	OFF	OFF	OFF	OFF	OFF	OFF
24	0.066	0.066	0.023	0.064	4.50	Y
25	0.087	0.087	0.023	0.064	4.50	Y
26	0.086	0.086	0.022	0.064	4.70	Y
27	OFF	OFF	OFF	OFF	OFF	OFF
28	0.094	0.094	0.031	0.075	4.44	Y
29	OFF	OFF	OFF	OFF	OFF	OFF
30	0.090	0.090	0.021	0.064	4.44	Y

**Compliance summary (operator to complete any blank fields)**

95% of daily turbidity readings ≤ 1 NTU? [Y/N]	All turbidity readings ≤ 5 NTU? [Y/N]	All IFE turbidity readings ≤ 0.15 NTU? [Y/N]	Performance std met? [Y/N] (PDR ≤ PDR <sub>Max</sub> , LRV ≥ LRC)	DIT Daily?
<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>
CT's met daily? (p. 2)	All Cl <sub>2</sub> residual at EP ≥ 0.2 mg/L?	PDR ≤ PDR <sub>Max</sub> ?	LRV <sub>ambient</sub> ≥ LRC?	
<b>#REF!</b>	<b>#REF!</b>	<b>Yes</b>	<b>Yes</b>	

<b>PRINTED NAME:</b> John Raines	<b>DATE:</b> 12/1/2025
<b>SIGNATURE:</b> 	<b>WT CERT #:</b> 039997
<b>Notes:</b>	<b>PHONE #:</b> 541-863-3171

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP - : A

System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Nov-25

Disinfection *Giardia* Log  
Inactiv: 1.0

Date	Time	Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup>	Contact Time (T)	Actual CT	Temp	pH	Required CT	CT Met? <sup>3</sup>	Peak Hourly Demand Flow	Notes (e.g "Plant Off")
		[ppm or mg/L]	[minutes]	<b>C X T</b>	[° C]		formula	Yes / No	[GPM]	
1	7:25	0.68	53	36.0	14.8	7.6	33.2	YES	1100	
2	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
3	7:39	0.70	53	37.1	14.8	7.7	34.6	YES	1100	
4	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
5	5:59	0.92	53	48.8	14.5	7.7	36.2	YES	1100	
6	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
7	7:17	0.87	53	46.1	14.2	7.6	35.4	YES	1100	
8	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
9	7:16	0.80	53	42.4	13.5	7.6	36.7	YES	1100	
10	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
11	6:30	0.96	53	50.9	14.5	7.4	32.5	YES	1100	
12	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
13	6:40	1.04	53	55.1	14.2	7.7	37.4	YES	1100	
14	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
15	7:54	1.41	53	74.7	14.7	7.6	36.4	YES	1100	
16	7:15	1.16	53	61.5	14.5	7.6	35.8	YES	1100	
17	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
18	10:46	1.41	53	74.7	13.7	7.7	40.3	YES	1100	
19	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
20	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
21	9:18	1.25	53	66.3	12.6	7.8	44.2	YES	1100	
22	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
23	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
24	7:21	1.11	53	58.8	11.5	7.8	46.9	YES	1100	
25	10:26	1.36	53	72.1	11.5	7.8	48.2	YES	1100	
26	5:24	1.36	53	72.1	11.4	7.8	48.5	YES	1100	
27	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
28	6:27	1.08	53	57.2	11.8	7.7	44.2	YES	1100	
29	OFF	OFF	53	#VALUE!	OFF	OFF	#VALUE!	#VALUE!	OFF	OFF
30	7:30	1.33	53	70.5	11.4	7.7	46.7	YES	1100	

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013

### Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek			ID #: 41-00550				WTP: A	Month/Year: NOV 2025	
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	OFF	OFF	0.080	0.080	0.080	OFF	0.080	1100	
2	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
3	OFF	OFF	0.070	0.080	0.080	0.070	0.080	1100	
4	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
5	OFF	OFF	0.054	0.055	0.055	OFF	0.055	1100	
6	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
7	OFF	OFF	0.082	0.055	0.055	OFF	0.082	1100	
8	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
9	OFF	OFF	0.079	0.058	0.054	OFF	0.079	1100	
10	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
11	OFF	OFF	0.078	0.057	0.055	OFF	0.078	1100	
12	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
13	OFF	OFF	0.081	0.078	0.077	OFF	0.081	1100	
14	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
15	OFF	OFF	0.055	OFF	OFF	OFF	0.055	1100	
16	OFF	OFF	0.082	0.076	0.074	0.073	0.082	1100	
17	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
18	OFF	OFF	OFF	0.085	0.069	0.078	0.085	1100	
19	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
20	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
21	OFF	OFF	0.090	0.062	0.060	0.059	0.092	1100	
22	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
23	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
24	OFF	OFF	0.065	0.061	0.061	OFF	0.066	1100	
25	OFF	OFF	OFF	0.086	0.083	0.085	0.087	1100	
26	0.086	0.086	OFF	OFF	OFF	OFF	0.086	1100	
27	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
28	OFF	OFF	0.092	0.067	0.067	0.066	0.094	1100	
29	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	
30	OFF	OFF	0.090	0.067	0.067	OFF	0.090	1100	

<b>Conventional or Direct Filtration</b>		<b>Monthly UV Summary (Circle Yes or No)</b>	
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? <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Yes</span> / No	
All the 4-hour turbidity readings < 1 NTU?	Yes / No		
All turbidity readings < IFE triggers?	Yes / No <sup>2</sup>		
<b>OR</b>		PRINTED NAME: John Raines	
<b>Slow Sand/Cartridge Membrane/DE Filtration</b>		SIGNATURE:	DATE: 12/1/2025
95% of turbidity readings < 1 NTU?	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Yes</span> / No	PHONE: 541-863-3171	CERT #: 039997
All turbidity readings < 5 NTU?	<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Yes</span> / No		
Is there 4-log virus inactivation provided with <input type="checkbox"/> Chlorine; <input checked="" type="checkbox"/> Other		<span style="border: 1px solid red; border-radius: 50%; padding: 2px;">Yes</span> / No	CT <sub>Viral</sub> : Required= 4 Achieved= 4

<sup>1</sup> 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. <sup>2</sup> IFE = Individual Filter Effluent. (OAR 333-061-0040 (1)(d)(B&C))

**Oregon DHS - Drinking Water Program – Surface Water Quality Data**

System Name: City of Myrtle Creek PWS ID#: 41-00550A Month/Year: Nov 2025

Minimum UVT [%] during month: 88.4 Duty sensor variation from reference sensor: 3.3 %

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]	[ <sup>mW</sup> /cm <sup>2</sup> ]	[ Y or N ]	[gal]	[gal]	(Mo. Sum {B}) ÷ (Mo. Sum {A}) * 100 [%]
1	1100	91.50	Y	804608	0	0
2	OFF	OFF	OFF	OFF	OFF	#VALUE!
3	1100	89.50	Y	957952	0	0
4	OFF	OFF	OFF	OFF	OFF	#VALUE!
5	1100	95.50	Y	781056	0	0
6	OFF	OFF	OFF	OFF	OFF	#VALUE!
7	1100	88.40	Y	882688	0	0
8	OFF	OFF	OFF	OFF	OFF	#VALUE!
9	1100	90.60	Y	850432	0	0
10	OFF	OFF	OFF	OFF	OFF	#VALUE!
11	1100	92.50	Y	851456	0	0
12	OFF	OFF	OFF	OFF	OFF	#VALUE!
13	1100	93.70	Y	814336	0	0
14	OFF	OFF	OFF	OFF	OFF	#VALUE!
15	1100	94.20	Y	226048	0	0
16	1100	93.80	Y	1168896	0	0
17	OFF	OFF	OFF	OFF	OFF	#VALUE!
18	1100	92.50	Y	812288	0	0
19	OFF	OFF	OFF	OFF	OFF	#VALUE!
20	OFF	OFF	OFF	OFF	OFF	#VALUE!
21	1100	97.90	Y	1261056	0	0
22	OFF	OFF	OFF	OFF	OFF	#VALUE!
23	OFF	OFF	OFF	OFF	OFF	#VALUE!
24	1100	95.9*	Y	751872	0	0
25	1100	99	Y	809984	0	0
26	700	96.70	Y	264448	0	0
27	OFF	OFF	OFF	OFF	OFF	#VALUE!
28	1100	96.60	Y	1125376	0	0
29	OFF	OFF	OFF	OFF	OFF	#VALUE!
30	1100	97.60	Y	790784	0	0
Monthly Cumulative % Off-Spec Water Produced						#VALUE!

Signature: 

Op Cert #: 039997 Date: 12/1/2025