

Membrane Filter Monthly Operating Report

County: **Douglas**

System Name: **City of Myrtle Creek**

Month/Year: **Sept. 2025**

PWS ID#: 41 - **00550**

Minimum test pressure applied || req'd: 29.67 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_{Max} [^{psi}/min]

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 [^{psi} /min]	Lowest LRV _{ambient} of day [log removal]	[Y/N] or "off"
1	0.073	0.073		0.064		Y
2	0.085	0.085		0.075		Y
3	0.088	0.088		0.075		Y
4	0.103	0.103		0.064		Y
5	0.080	0.080		0.064		Y
6	0.078	0.078		0.075		Y
7	0.066	0.066		0.075		Y
8	0.063	0.063		0.086		Y
9	0.072	0.072		0.086		Y
10	0.079	0.079		0.053		Y
11	0.080	0.080		0.064		Y
12	0.084	0.084		0.053		Y
13	0.083	0.083		0.086		Y
14	0.076	0.076		0.064		Y
15	0.095	0.095		0.075		Y
16	0.073	0.073		0.086		Y
17	0.061	0.061		0.086		Y
18	0.060	0.060		0.086		Y
19	0.066	0.066		0.075		Y
20	0.067	0.067		0.064		Y
21	0.062	0.062		0.064		Y
22	0.067	0.067		0.086		Y
23	0.050	0.050		0.086		Y
24	0.057	0.057		0.086		Y
25	0.063	0.063		0.075		Y
26	0.064	0.064		0.075		Y
27	0.074	0.074		0.075		Y
28	0.063	0.063		0.086		Y
29	0.055	0.055		0.086		Y
30	0.054	0.054		0.086		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 _{Max} , LRV ≥ LRC)	DIT Daily?
Yes	Yes		YES	Yes
CT's met daily? (p. 2)	All Cl ₂ residual at EP ≥ 0.2 mg/L?	PDR ≤ PDR _{Max} ?	LRV _{ambient} ≥ LRC?	
#REF!	#REF!	YES	No	

PRINTED NAME: John Raines

DATE: 10/2/2025

SIGNATURE: 

WT CERT #: 039997

Notes:

PHONE #: 541-863-3171

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A	Month/Year: SEP 2025
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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	0.079	OFF	0.092	0.084	OFF	OFF	0.092	1100
2	OFF	OFF	0.068	0.066	0.067	0.065	0.068	1100
3	OFF	OFF	0.074	0.067	0.066	OFF	0.074	1100
4	OFF	OFF	0.074	0.067	0.066	OFF	0.074	1100
5	OFF	OFF	0.074	0.066	0.066	OFF	0.080	1100
6	OFF	OFF	0.073	0.075	0.067	OFF	0.075	1100
7	OFF	OFF	0.069	0.062	0.066	OFF	0.069	1100
8	OFF	OFF	0.086	0.081	0.086	OFF	0.086	1100
9	OFF	OFF	0.089	0.085	0.086	OFF	0.089	1100
10	OFF	OFF	0.081	OFF	OFF	OFF	0.081	1100
11	OFF	OFF	0.069	0.062	0.073	0.070	0.073	1100
12	0.081	0.090	OFF	OFF	OFF	OFF	0.090	1100
13	OFF	OFF	0.089	0.087	0.065	0.062	0.089	1100
14	0.084	OFF	0.072	0.069	OFF	OFF	0.084	1100
15	OFF	OFF	0.089	0.082	0.086	OFF	0.089	1100
16	OFF	OFF	0.087	0.086	0.064	OFF	0.087	1100
17	OFF	OFF	0.070	0.065	0.061	OFF	0.070	1100
18	OFF	OFF	0.083	0.079	OFF	OFF	0.093	1100
19	OFF	OFF	0.088	0.084	0.089	0.086	0.094	1100
20	OFF	OFF	0.067	0.063	OFF	OFF	0.067	1100
21	OFF	OFF	0.072	0.068	0.075	0.082	0.082	1100
22	OFF	OFF	0.091	0.065	0.067	OFF	0.091	1100
23	OFF	OFF	0.065	0.062	OFF	OFF	0.065	1100
24	OFF	OFF	0.067	0.062	0.084	OFF	0.084	1100
25	OFF	OFF	0.084	0.079	OFF	OFF	0.084	1100
26	OFF	OFF	0.071	0.064	0.061	OFF	0.075	1100
27	OFF	OFF	0.085	0.064	0.080	OFF	0.085	1100
28	OFF	OFF	0.094	0.085	OFF	OFF	0.094	1100
29	OFF	OFF	0.067	0.063	0.061	OFF	0.067	1100
30	OFF	OFF	0.086	OFF	OFF	0.092	0.092	1100

Conventional or Direct Filtration 95% of the 4-hour turbidity readings $\leq$ 0.3 NTU? Yes / No All the 4-hour turbidity readings < 1 NTU? Yes / No All turbidity readings < IFE triggers? Yes / No ² OR Slow Sand/Cartridge/Membrane/DE Filtration 95% of turbidity readings < 1 NTU? Yes / No All turbidity readings < 5 NTU? Yes / No	Monthly UV Summary (Circle Yes or No) Is volume of off-spec water produced less than 5% in the month? Yes / No PRINTED NAME: John Raines SIGNATURE:  DATE: 10/2/2025 PHONE: 541-863-3171 CERT #: 039997 Is there 4-log virus inactivation provided with ☒ Chlorine; ☐ Other Yes / No CT _{Viral} : Required= 4 Achieved= 4
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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: Sep-25
**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	Notes (e.g "Plant Off")
		[ppm or mg/L]	[minutes]	C X T	[° C]		formula	Yes / No	[GPM]	
1	5:07	0.88	53	46.6	24.7	7.7	18.2	YES	1100	
2	5:35	0.73	53	38.7	24.3	7.4	16.4	YES	1100	
3	6:20	1.04	53	55.1	25.0	7.4	16.2	YES	1100	
4	6:18	1.05	53	55.7	25.1	7.5	16.7	YES	1100	
5	6:20	1.05	53	55.7	25.6	7.4	15.5	YES	1100	
6	6:11	0.77	53	40.8	24.8	7.4	15.9	YES	1100	
7	7:08	0.76	53	40.3	24.2	7.4	16.5	YES	1100	
8	6:11	0.90	53	47.7	23.8	7.4	17.3	YES	1100	
9	6:49	0.90	53	47.7	24.1	7.4	16.9	YES	1100	
10	7:00	0.85	53	45.1	23.5	7.3	16.9	YES	1100	
11	6:38	0.50	53	26.5	23.6	7.4	16.7	YES	1100	
12	5:03	1.21	53	64.1	23.0	7.5	19.6	YES	1100	
13	5:49	0.74	53	39.2	22.6	7.5	19.1	YES	1100	
14	7:23	1.05	53	55.7	23.1	7.5	19.1	YES	1100	
15	6:31	0.92	53	48.8	22.0	7.5	20.3	YES	1100	
16	10:09	1.11	53	58.8	21.6	7.5	21.3	YES	1100	
17	9:08	1.06	53	56.2	22.3	7.7	21.8	YES	1100	
18	6:45	0.85	53	45.1	22.4	7.5	19.6	YES	1100	
19	6:57	0.89	53	47.2	22.0	7.5	20.2	YES	1100	
20	6:37	0.86	53	45.6	22.5	7.5	19.5	YES	1100	
21	7:55	0.73	53	38.7	22.6	7.5	19.1	YES	1100	
22	6:39	0.93	53	49.3	21.2	7.5	21.5	YES	1100	
23	6:44	1.03	53	54.6	21.0	7.5	22.0	YES	1100	
24	8:16	0.98	53	51.9	21.0	7.5	21.9	YES	1100	
25	6:21	1.02	53	54.1	21.3	7.5	21.5	YES	1100	
26	7:07	0.94	53	49.9	20.4	7.4	21.9	YES	1100	
27	7:08	1.01	53	53.5	20.0	7.5	23.5	YES	1100	
28	8:13	1.04	53	55.1	19.7	7.6	25.0	YES	1100	
29	7:29	0.99	53	52.5	19.9	7.6	24.5	YES	1100	
30	6:38	1.10	53	58.3	19.3	7.4	24.0	YES	1100	

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

Revised Sept. 2025

Oregon DHS - Drinking Water Program – Surface Water Quality DataSystem Name: City of Myrtle Creek PWS ID#: 41-00550AMonth/Year: Sep 2025Minimum UVT [%] during month: 96.8 Duty sensor variation from reference sensor: 2.8 %

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	571904	0	0
2	1100	96.6	Y	1311232	0	0
3	1100	96.9	Y	828160	0	0
4	1100	97.4	Y	1032192	0	0
5	1100	96.6	Y	941824	0	0
6	1100	96.8	Y	977664	0	0
7	1100	97.0	Y	930816	0	0
8	1100	96.9	Y	968192	0	0
9	1100	97.0	Y	687360	0	0
10	1100	97.4	Y	90112	0	0
11	1100	98.8	Y	1291776	0	0
12	1100	96.8	Y	289280	0	0
13	1100	96.8	Y	1398272	0	0
14	1100	97.2	Y	404736	0	0
15	1100	97.4	Y	880128	0	0
16	1100	97.2	Y	787456	0	0
17	1100	99.1	Y	958464	0	0
18	1100	97.6	Y	646912	0	0
19	1100	97.8	Y	974592	0	0
20	1100	97.8	Y	558848	0	0
21	1100	98.4	Y	939008	0	0
22	1100	98.1	Y	723968	0	0
23	1100	98.5	Y	718592	0	0
24	1100	98.7	Y	796928	0	0
25	1100	97.8	Y	660480	0	0
26	1100	98.6	Y	763904	0	0
27	1100	97.9	Y	746496	0	0
28	1100	97.9	Y	565248	0	0
29	1100	98.3	Y	779520	0	0
30	1100	99.1	Y	633856	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature:  Op Cert #: 039997 Date: 10/2/2025