

Membrane Filter Monthly Operating Report

County: **Douglas**

System Name: **City of Myrtle Creek**

Month/Year: **Jul-2025**

PWS ID#: 41 - **00550** Minimum test pressure applied || req'd: 30.37 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]	DIT Daily
0.09 psi/min	4.00	

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	0.096	0.096		0.05		Y
2	0.100	0.100		0.06		Y
3	0.101	0.101		0.05		Y
4	0.104	0.104		0.06		Y
5	0.095	0.095		0.05		Y
6	0.077	0.077		0.05		Y
7	0.081	0.081		0.05		Y
8	0.101	0.101		0.06		Y
9	0.098	0.098		0.06		Y
10	0.076	0.076		0.06		Y
11	0.098	0.098		0.06		Y
12	0.092	0.092		0.06		Y
13	0.081	0.081		0.06		Y
14	0.083	0.083		0.06		Y
15	0.099	0.099		0.08		Y
16	0.099	0.099		0.06		Y
17	0.098	0.098		0.06		Y
18	0.107	0.107		0.06		Y
19	0.110	0.110		0.06		Y
20	0.084	0.084		0.06		Y
21	0.087	0.087		0.06		Y
22	0.101	0.101		0.06		Y
23	0.104	0.104		0.08		Y
24	0.088	0.088		0.09		Y
25	0.081	0.081		0.06		Y
26	0.106	0.106		0.09		Y
27	0.088	0.088		0.06		Y
28	0.108	0.108		0.06		Y
29	0.108	0.108		0.06		Y
30	0.069	0.069		0.06		Y
31	0.095	0.095		0.08		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) #REF!	All Cl ₂ residual at EP ≥ 0.2 mg/L? #REF!	PDR ≤ PDR _{Max} ? Yes	LRV _{ambient} ≥ LRC?	

PRINTED NAME: John Raines

SIGNATURE: 

Notes:

DATE: August 8, 2025

WT CERT #: 039997

PHONE #: 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: Jul-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	6:09	0.93	83	77.2	26.3	7.5	15.2	YES	1100	
2	6:16	0.69	83	57.3	25.9	7.4	14.6	YES	1100	
3	5:24	0.94	83	78.0	25.5	7.6	16.7	YES	1100	
4	6:27	0.69	83	57.2	24.0	7.4	16.6	YES	1100	
5	6:09	1.02	83	84.7	23.8	7.5	18.2	YES	1100	
6	5:39	0.73	83	60.6	23.7	7.5	17.7	YES	1100	
7	11:46	0.99	83	82.2	24.3	7.6	18.2	YES	1100	
8	9:00	0.71	83	59.2	24.8	7.5	16.4	YES	1100	
9	12:40	0.97	83	80.5	25.5	7.6	16.7	YES	1100	
10	5:31	0.65	83	54.0	25.1	7.5	15.9	YES	1100	
11	6:53	0.87	83	72.2	25.8	7.6	16.2	YES	1100	
12	7:04	0.80	83	66.4	25.3	7.5	16.0	YES	1100	
13	6:25	0.80	83	66.4	26.6	7.4	14.1	YES	1100	
14	7:12	0.54	83	44.8	27.3	7.5	13.5	YES	1100	
15	6:46	0.88	83	73.0	27.0	7.5	14.4	YES	1100	
16	5:56	0.61	83	50.6	26.2	7.5	14.7	YES	1100	
17	12:38	0.94	83	78.0	26.6	7.6	15.5	YES	1100	
18	9:13	0.81	83	67.2	26.1	7.6	15.8	YES	1100	
19	2:18	0.86	83	71.4	25.9	7.6	16.1	YES	1100	
20	2:58	0.49	83	40.7	25.5	7.4	14.7	YES	1100	
21	10:13	0.64	83	53.1	23.8	7.3	16.1	YES	1100	
22	5:40	0.74	83	61.4	24.9	7.6	17.0	YES	1100	
23	7:36	0.96	83	79.7	25.8	7.6	16.4	YES	1100	
24	7:49	0.78	83	64.7	25.6	7.6	16.3	YES	1100	
25	00:24	1.13	83	93.8	26.1	7.7	17.0	YES	1100	
26	7:18	0.71	83	58.9	25.7	7.6	16.0	YES	1100	
27	7:00	0.96	83	79.7	25.3	7.6	16.9	YES	1100	
28	6:36	0.71	83	58.9	24.8	7.6	17.0	YES	1100	
29	5:48	0.97	83	80.5	25.2	7.8	18.4	YES	1100	
30	3:20	0.70	83	58.1	25.5	7.7	16.8	YES	1100	
31	21:57	0.88	83	73.0	25.5	7.8	17.9	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 — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek			ID #: 41-00550				WTP: A Month/Year: JULY 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	0.092	0.096	OFF	OFF	0.096	1100
2	OFF	OFF	0.093	0.091	0.095	0.100	0.100	1100
3	OFF	OFF	0.083	0.084	OFF	OFF	0.101	1100
4	OFF	OFF	0.076	0.074	0.086	0.088	0.104	1100
5	0.095	OFF	0.091	OFF	OFF	OFF	0.095	1100
6	OFF	0.074	0.071	0.076	0.077	0.076	0.077	1100
7	0.077	0.076	0.081	0.078	OFF	OFF	0.081	1100
8	OFF	OFF	0.101	0.099	0.880	0.082	0.101	1100
9	0.094	OFF	0.098	0.090	OFF	OFF	0.098	1100
10	OFF	OFF	0.076	0.074	0.073	0.073	0.076	1100
11	0.074	OFF	0.078	0.074	0.088	OFF	0.098	1100
12	OFF	OFF	0.085	0.091	0.085	0.092	0.092	1100
13	OFF	OFF	0.081	0.079	0.076	OFF	0.081	1100
14	OFF	OFF	0.083	0.074	0.073	0.073	0.083	1100
15	0.076	OFF	0.099	0.088	OFF	OFF	0.099	1100
16	OFF	OFF	0.095	0.093	0.087	0.099	0.099	1100
17	0.098	0.078	OFF	OFF	OFF	OFF	0.098	1100
18	0.090	0.078	0.076	0.078	0.104	0.097	0.107	1100
19	0.090	0.103	OFF	OFF	OFF	OFF	0.110	1100
20	OFF	0.084	0.079	0.077	0.083	0.080	0.084	1100
21	0.080	OFF	0.083	0.077	0.087	OFF	0.087	1100
22	OFF	OFF	0.101	0.100	0.091	0.089	0.101	1100
23	0.104	OFF	0.101	0.104	OFF	OFF	0.104	1100
24	OFF	OFF	0.088	0.083	0.081	0.081	0.088	1100
25	0.081	OFF	OFF	OFF	OFF	OFF	0.081	1100
26	OFF	OFF	0.106	0.083	0.083	0.080	0.106	1100
27	0.084	OFF	0.088	0.083	OFF	OFF	0.088	1100
28	OFF	OFF	0.108	0.097	0.104	0.103	0.108	1100
29	0.104	OFF	0.108	OFF	OFF	OFF	0.108	1100
30	OFF	0.067	0.059	0.063	0.069	0.068	0.069	1100
31	0.073	0.084	0.086	0.083	OFF	OFF	0.095	1100

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? Yes No	
All the 4-hour turbidity readings < 1 NTU?	Yes / No		
All turbidity readings < IFE triggers?	Yes / No ²		
OR		PRINTED NAME: John Raines	
Slow Sand/Cartridge Membrane DE Filtration		SIGNATURE: 	DATE: 8/8/2025
95% of turbidity readings < 1 NTU?	Yes / No	PHONE: 541-863-3171	CERT #: 039997
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

COUNTY: Douglas**Oregon DHS - Drinking Water Program – Surface Water Quality Data**System Name: City of Myrtle Creek PWS ID#: 41-00550AMonth/Year: July 2025Minimum UVT [%] during month: 96.9 Duty sensor variation from reference sensor: 2.9 %

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	98.6	Y	683264	0	0
2	1100	98.6	Y	1321984	0	0
3	1100	98.4	Y	543488	0	0
4	1100	98.5	Y	1334272	0	0
5	1100	98.7	Y	470016	0	0
6	1100	98.4	Y	1419264	0	0
7	1100	98.4	Y	670976	0	0
8	1100	98.3	Y	1393152	0	0
9	1100	98.6	Y	543232	0	0
10	1100	98.4	Y	1458176	0	0
11	1100	98.9	Y	735488	0	0
12	1100	98.1	Y	1274880	0	0
13	1100	98.1	Y	762112	0	0
14	1100	99.0	Y	1345280	0	0
15	1100	98.3	Y	578048	0	0
16	1100	98.9	Y	1362688	0	0
17	1100	97.3	Y	585472	0	0
18	1100	97.1	Y	1483520	0	0
19	1100	97.2	Y	540672	0	0
20	1100	97.2	Y	1597440	0	0
21	1100	98.1	Y	667904	0	0
22	1100	97.3	Y	1164032	0	0
23	1100	98.1	Y	657408	0	0
24	1100	98.4	Y	1222144	0	0
25	1100	97.0	Y	365088	0	0
26	1100	97.4	Y	1340416	0	0
27	1100	96.9	Y	630272	0	0
28	1100	97.0	Y	1333248	0	0
29	1100	97.3	Y	467200	0	0
30	1100	96.8	Y	1591040	0	0
31	1100	96.9	Y	959232	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature:  Op Cert #: 039997 Date: 8/8/2025