

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A	Month/Year: Dec. 2023
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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	NIS	NIS	0.010	0.010	0.020	NIS	0.020	700
2	NIS	NIS	0.020	0.010	0.100	NIS	0.020	700
3	NIS	0.010	0.010	NIS	NIS	NIS	0.010	700
4	NIS	NIS	NIS	0.020	0.020	0.010	0.020	700
5	0.010	0.010	0.010	0.010	NIS	NIS	0.010	700
6	NIS	NIS	NIS	0.010	0.010	0.010	0.010	700
7	0.010	NIS	0.010	0.010	NIS	NIS	0.010	700
8	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
9	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
10	NIS	NIS	0.020	0.020	0.010	0.010	0.020	700
11	NIS	NIS	0.010	0.020	0.020	0.010	0.020	700
12	NIS	NIS	NIS	NIS	NIS	NIS	NIS	700
13	NIS	0.010	0.010	0.010	0.010	0.010	0.010	700
14	0.010	0.010	0.010	NIS	NIS	NIS	0.010	700
15	NIS	NIS	0.010	0.010	0.010	0.010	0.040	700
16	NIS	NIS	0.010	NIS	NIS	NIS	0.020	700
17	0.010	0.010	NIS	0.010	NIS	NIS	0.010	700
18	0.010	0.010	NIS	NIS	0.010	NIS	0.010	700
19	NIS	0.010	NIS	NIS	NIS	NIS	0.010	700
20	NIS	NIS	NIS	0.020	0.010	0.010	0.020	700
21	0.010	0.010	NIS	NIS	NIS	NIS	0.010	700
22	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
23	0.010	0.010	NIS	NIG	NIS	NIS	0.010	700
24	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
25	0.010	0.010	NIS	NIS	NIS	NIS	0.010	700
26	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700
27	0.010	NIS	NIS	0.010	NIS	NIS	0.010	700
28	NIS	NIS	0.020	0.010	0.010	0.010	0.010	700
29	0.010	NIS	NIS	0.010	0.010	0.010	0.020	700
30	NIS	NIS	0.010	0.010	NIS	NIS	0.010	700
31	NIS	NIS	0.010	0.010	0.010	0.010	0.010	700

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: 1/2/2024
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 "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: Dec-23

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	8:46	1.16	83	96.3	8.9	7.5	50.4	YES	700
2	2:05	0.98	83	81.3	8.4	7.5	51.0	YES	700
3	4:53	1.01	83	83.8	8.5	7.4	49.1	YES	700
4	12:46	0.68	83	56.4	10.3	6.9	35.3	YES	700
5	14:36	1.18	83	97.9	11.3	7.2	38.8	YES	700
6	8:15	0.99	83	82.2	11.6	7.1	36.0	YES	700
7	8:24	1.18	83	97.9	11.3	7.2	38.8	YES	700
8	8:22	1.04	83	86.3	10.8	7.3	40.8	YES	700
9	8:33	1.03	83	85.5	10.5	7.1	38.8	YES	700
10	8:26	0.92	83	76.4	10.4	7.3	41.4	YES	700
11	16:34	0.93	83	77.2	10.0	7.1	39.6	YES	700
12	NIS	NIS	83	#VALUE!	NIS	NIS	#VALUE!	#VALUE!	NIS
13	21:01	1.18	83	97.9	10.0	7.3	43.7	YES	700
14	9:52	1.28	83	106.2	9.6	7.3	45.4	YES	700
15	7:45	1.03	83	85.5	9.3	7.3	45.0	YES	700
16	8:02	1.14	83	94.6	9.5	7.3	45.0	YES	700
17	13:25	0.93	83	77.2	9.1	7.4	46.7	YES	700
18	16:39	0.83	83	68.9	8.8	7.4	47.1	YES	700
19	7:25	1.15	83	95.5	8.9	7.5	50.3	YES	700
20	12:18	0.88	83	73.0	10.6	7.4	42.1	YES	700
21	6:06	1.22	83	101.3	10.9	7.6	46.0	YES	700
22	7:45	0.98	83	81.3	11.0	7.5	42.9	YES	700
23	0:07	1.20	83	99.6	10.0	7.5	47.0	YES	700
24	8:16	0.96	83	79.7	9.3	7.4	46.3	YES	700
25	6:35	1.18	83	97.9	8.8	7.5	50.8	YES	700
26	7:31	1.05	83	87.2	9.2	7.4	47.1	YES	700
27	7:25	1.14	83	94.6	8.9	7.6	52.1	YES	700
28	9:31	1.05	83	87.2	9.3	7.5	48.4	YES	700
29	20:54	1.02	83	84.7	10.0	7.5	46.1	YES	700
30	7:40	0.92	83	76.4	10.7	7.4	42.0	YES	700
31	9:05	0.93	83	77.2	10.6	7.5	43.8	YES	700

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: Dec. 2023

Minimum UVT [%] during month: 89.8 Duty sensor variation from reference sensor: 3.55%

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	99.40	Y	533248	0	0
2	700	98.00	Y	654080	0	0
3	700	95.90	Y	341504	0	0
4	700	89.80	Y	630784	0	0
5	700	93.70	Y	628224	0	0
6	700	96.30	Y	795648	0	0
7	700	97.20	Y	341760	0	0
8	700	96.40	Y	676096	0	0
9	700	95.60	Y	185344	0	0
10	700	96.00	Y	835584	0	0
11	700	97.30	Y	539909	0	0
12	700	NIS	NIS	NIS	0	#VALUE!
13	700	96.50	Y	1058048	0	0
14	700	97.70	Y	303616	0	0
15	700	97.80	Y	801024	0	0
16	700	97.90	Y	416000	0	0
17	700	98.10	Y	474880	0	0
18	700	98.60	Y	570624	0	0
19	700	98.50	Y	195328	0	0
20	700	97.30	Y	726784	0	0
21	700	96.60	Y	233984	0	0
22	700	98.00	Y	803840	0	0
23	700	98.30	Y	272128	0	0
24	700	98.40	Y	837376	0	0
25	700	98.70	Y	148480	0	0
26	700	98.70	Y	933376	0	0
27	700	99.30	Y	378624	0	0
28	700	98.40	Y	787456	0	0
29	700	97.00	Y	356096	0	0
30	700	96.80	Y	446208	0	0
31	700	97.20	Y	626432	0	0
Monthly Cumulative % Off-Spec Water Produced						#VALUE!

Signature: *Sam Tolbert* Op Cert #: 08622 Date: Jan. 2, 2024