

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP Month/Year: May/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	NIS	NIS	NIS	NIS	NIS	NIS
2	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700
3	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700
4	0.020	NIS	NIS	0.020	0.020	NIS	0.020	700
5	NIS	NIS	NIS	0.020	0.020	NIS	0.040	700
6	NIS	NIS	0.020	0.020	NIS	NIS	0.020	700
7	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700
8	NIS	NIS	0.020	0.020	NIS	NIS	0.020	700
9	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700
10	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700
11	NIS	NIS	NIS	NIS	NIS	NIS	NIS	700
12	NIS	NIS	NIS	0.020	0.020	0.020	0.030	700
13	0.020	0.020	0.020	0.020	0.020	0.020	0.020	700
14	NIS	NIS	0.020	0.020	0.020	0.020	0.020	700
15	NIS	NIS	NIS	0.020	0.020	0.020	0.020	700
16	NIS	NIS	NIS	NIS	NIS	NIS	NIS	700
17	NIS	NIS	0.020	0.020	0.020	0.020	0.020	900
18	0.020	0.020	0.020	0.020	NIS	NIS	0.020	900
19	NIS	NIS	NIS	NIS	0.020	0.020	0.020	900
20	0.020	0.020	0.020	0.020	0.020	0.020	0.020	900
21	NIS	NIS	0.020	0.020	NIS	NIS	0.020	900
22	NIS	NIS	0.020	0.020	0.020	0.020	0.020	900
23	0.020	0.020	NIS	0.020	0.020	NIS	0.020	900
24	NIS	NIS	0.020	0.020	0.020	0.020	0.020	900
25	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
26	NIS	0.020	0.020	0.020	0.020	0.020	0.030	900
27	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
28	NIS	NIS	0.020	0.020	0.020	0.020	0.020	900
29	NIS	NIS	0.020	0.020	0.020	0.020	0.020	900
30	0.020	0.020	0.020	0.020	NIS	NIS	0.020	900
31	NIS	NIS	0.020	0.020	0.020	0.020	0.020	900

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		
OR	PRINTED NAME: Steve Ledbetter	
Slow Sand/Cartridge Membrane/DE Filtration	SIGNATURE:	DATE: 6/1/2023
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= Achieved=
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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:	May-23	Disinfection <i>Giardia</i> 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	NIS	NIS	83	NIS	NIS	NIS	NIS	NIS	NIS
2	6:18	0.89	83	73.9	12.8	7.0	31.2	YES	700
3	13:26	0.89	83	73.9	12.7	6.9	30.2	YES	700
4	12:38	1.01	83	83.8	13.0	7.0	31.2	YES	700
5	10:16	0.92	83	76.4	13.5	7.1	31.0	YES	700
6	6:44	0.94	83	78.0	13.6	6.9	28.6	YES	700
7	8:36	0.91	83	75.5	13.0	7.0	30.8	YES	700
8	7:00	0.98	83	81.3	12.8	7.0	31.5	YES	700
9	10:13	0.89	83	73.9	13.5	7.1	30.9	YES	700
10	8:30	0.83	83	68.9	13.9	7.2	31.0	YES	700
11	NIS	NIS	83	NIS	NIS	NIS	NIS	NIS	NIS
12	9:55	0.76	83	63.1	16.2	7.4	28.4	YES	700
13	15:11	0.95	83	78.9	17.1	7.0	23.5	YES	700
14	10:37	0.96	83	79.7	17.9	7.2	24.0	YES	700
15	9:42	0.92	83	76.4	18.1	7.2	23.6	YES	700
16	NIS	NIS	83	NIS	NIS	NIS	NIS	NIS	NIS
17	9:28	0.65	83	54.0	18.3	7.2	22.6	YES	900
18	11:10	0.95	83	78.9	18.2	7.4	25.4	YES	900
19	16:03	1.03	83	85.5	18.1	7.3	24.8	YES	900
20	20:50	1.06	83	88.0	19.1	7.5	25.1	YES	900
21	7:39	0.90	83	74.7	18.8	7.6	26.1	YES	900
22	21:08	0.88	83	73.0	17.3	7.3	25.7	YES	900
23	19:27	1.03	83	85.5	16.8	7.6	30.3	YES	900
24	10:30	0.85	83	70.6	16.8	7.5	28.6	YES	900
25	10:55	0.72	83	59.8	17.0	7.9	32.2	YES	900
26	15:30	1.07	83	88.8	18.2	7.5	26.7	YES	900
27	7:42	1.05	83	87.2	19.3	7.7	26.6	YES	900
28	23:40	0.62	83	51.5	19.6	7.6	24.0	YES	900
29	8:07	0.68	83	56.4	20.0	7.5	22.6	YES	900
30	13:56	0.84	83	69.7	20.4	7.5	22.4	YES	900
31	6:31	0.81	83	67.2	20.0	7.6	23.8	YES	900

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

Revised October 2013

31	900	98.40	Y	1086976	0	0
Monthly Cumulative % Off-Spec Water Produced						0

Signature: *Sam Ledwith* Op Cert #: 08622 Date: June 1, 2023

Oregon DHS - Drinking Water Program – Surface Water Quality Data

System Name: City of Myrtle Creek PWS ID#: 41-00550A Month/Year: May 2023

Minimum UVT [%] during month: 98.4 Duty sensor variation from reference sensor: 3.0 %

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	NIS	NIS	NIS	NIS	NIS	NIS
2	700	99.90	Y	779264	0	0
3	700	99.90	Y	673792	0	0
4	700	99.30	Y	366336	0	0
5	700	99.20	Y	472576	0	0
6	700	99.90	Y	327936	0	0
7	700	99.80	Y	662272	0	0
8	700	99.30	Y	336640	0	0
9	700	99.20	Y	554752	0	0
10	700	99.50	Y	545536	0	0
11	NIS	NIS	NIS	NIS	NIS	NIS
12	700	99.20	Y	778752	0	0
13	700	99.20	Y	882944	0	0
14	700	98.70	Y	579072	0	0
15	700	99.20	Y	737536	0	0
16	NIS	NIS	NIS	NIS	NIS	NIS
17	900	98.60	Y	900352	0	0
18	900	100.00	Y	687104	0	0
19	900	99.30	Y	580352	0	0
20	900	99.60	Y	986880	0	0
21	900	99.70	Y	491008	0	0
22	900	99.80	Y	978944	0	0
23	900	99.30	Y	615424	0	0
24	900	99.40	Y	881920	0	0
25	900	98.60	Y	561152	0	0
26	900	99.50	Y	986368	0	0
27	900	99.70	Y	610560	0	0
28	900	99.50	Y	575232	0	0
29	900	99.70	Y	1060608	0	0
30	900	99.00	Y	711168	0	0