

Oregon DHS - Drinking Water Program — Turbidity Monitoring Report Form

System Name: City of Myrtle Creek	ID #: 41-00550	WTP: A	Month/Year: 3/2021
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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	0.020	NIS	0.020	500
2	NIS	NIS	NIS	NIS	0.020	NIS	0.020	500
3	NIS	NIS	NIS	0.020	0.020	NIS	0.020	500
4	NIS	NIS	0.020	0.020	NIS	NIS	0.020	500
5	NIS	NIS	NIS	0.020	0.020	0.020	0.020	500
6	NIS	NIS	NIS	NIS	NIS	NIS	NIS	NIS
7	NIS	NIS	0.020	0.020	0.020	0.020	0.020	500
8	NIS	NIS	0.020	0.020	NIS	NIS	0.020	500
9	NIS	NIS	0.020	0.020	0.020	NIS	0.020	500
10	NIS	NIS	0.020	0.020	NIS	NIS	0.020	500
11	NIS	NIS	0.020	0.020	NIS	NIS	0.020	500
12	NIS	NIS	NIS	NIS	NIS	NIS	NIS	500
13	NIS	NIS	0.020	0.020	0.020	0.020	0.030	500
14	NIS	NIS	0.020	0.020	NIS	0.020	0.020	500
15	NIS	NIS	NIS	NIS	NIS	NIS	NIS	500
16	NIS	NIS	0.020	0.020	0.020	NIS	0.020	900
17	NIS	NIS	0.020	0.020	0.020	NIS	0.020	500
18	NIS	NIS	NIS	0.020	0.020	0.020	0.020	500
19	NIS	NIS	NIS	0.020	0.020	NIS	0.020	500
20	NIS	NIS	0.020	0.020	0.020	NIS	0.070	500
21	NIS	NIS	0.020	0.020	0.020	NIS	0.020	500
22	NIS	NIS	0.040	0.020	0.020	0.020	0.040	500
23	0.020	NIS	NIS	0.020	0.020	NIS	0.020	500
24	NIS	NIS	NIS	0.020	0.020	NIS	0.020	500
25	NIS	NIS	NIS	0.020	NIS	NIS	0.020	500
26	NIS	NIS	NIS	0.020	0.020	0.020	0.020	500
27	NIS	NIS	0.020	0.020	NIS	NIS	0.020	500
28	NIS	NIS	0.020	0.020	NIS	NIS	0.020	500
29	NIS	NIS	0.030	0.020	0.020	0.020	0.030	500
30	0.020	NIS	0.020	0.020	NIS	NIS	0.020	500
31	NIS	NIS	NIS	0.020	0.020	0.020	0.020	500

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	PRINTED NAME: Sean Negherbon	
OR		SIGNATURE: <i>Sean Negherbon</i>	
Slow Sand/Cartridge Membrane/DFE Filtration		DATE: March 6, 2021	
95% of turbidity readings < 1 NTU?	Yes / No	PHONE: 541-863-3171	
All turbidity readings < 5 NTU?	Yes / No	CERT #: 6111	
Is there 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input type="checkbox"/> Other			Yes / No
			CT _{Viral} : Required= 4 Achieved= 4

¹ Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM through

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- : A

System Name: City of Myrtle Creek ID#: 41 00550 Month/Year: Mar-21

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	15:19	0.92	108	99.4	11.2	6.9	34.2	YES	500
2	14:28	0.89	108	96.1	10.9	6.80	33.6	YES	500
3	12:21	0.86	108	92.9	11.3	7.10	36.2	YES	500
4	10:07	0.85	108	91.8	11.4	6.90	33.5	YES	500
5	13:20	0.81	108	87.5	11.1	6.90	34.0	YES	500
6	NIS								
7	7:14	0.80	108	86.4	10.2	7.1	38.6	YES	500
8	11:01	0.69	108	74.5	10.5	7.0	36.1	YES	500
9	11:07	0.95	108	102.6	10.4	7.1	38.7	YES	500
10	10:34	0.97	108	104.8	12.6	6.8	29.6	YES	500
11	10:52	0.95	108	102.6	10.5	6.8	34.7	YES	500
12	NIS								
13	6:24	1.04	108	112.3	11.2	6.9	34.7	YES	500
14	9:48	1.37	108	148.0	10.9	7.0	37.9	YES	900
15	NIS								
16	12:31	1.23	108	132.8	10.1	7.0	39.3	YES	900
17	16:39	1.12	108	121.0	10.5	7.0	37.9	YES	500
18	12:01	1.02	108	110.2	10.7	7.0	37.0	YES	500
19	12:16	0.99	108	106.9	10.5	7.1	38.6	YES	500
20	9:41	0.97	108	104.8	10.4	7.1	38.8	YES	500
21	18:05	0.48	108	51.8	11.1	7.1	35.1	YES	500
22	22:57	1.22	108	131.8	10.9	7.0	37.3	YES	500
23	14:07	1.16	108	125.3	11.6	7.5	42.1	YES	500
24	10:35	1.09	108	117.7	12.3	6.9	32.5	YES	500
25	12:03	1.04	108	112.3	11.1	7.2	38.7	YES	500
26	13:02	1.03	108	111.2	10.9	7.3	40.5	YES	500
27	6:41	0.98	108	105.8	11.1	7.4	41.2	YES	500
28	8:36	0.96	108	103.7	11.5	7.2	37.4	YES	500
29	10:05	0.96	108	103.7	12.0	7.0	33.8	YES	500
30	8:27	0.95	108	102.6	12.0	7.4	38.7	YES	500
31	11:23	0.91	108	98.3	11.7	7.1	35.4	YES	500

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: 3/2021

Minimum UVT [%] during month: 97.8% Duty sensor variation from reference sensor: 5.1%

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	500	99.20	Y	122688	0	0
2	500	97.80	Y	164160	0	0
3	500	97.80	Y	145152	0	0
4	500	99.80	Y	145152	0	0
5	500	99.50	Y	229824	0	0
6	NIS					#DIV/0!
7	500	97.80	Y	344640	0	0
8	500	98.40	Y	168960	0	0
9	500	99.70	Y	177408	0	0
10	500	99.10	Y	150912	0	0
11	500	99.50	Y	147840	0	0
12	NIS					#DIV/0!
13	500	99.8	Y	383232	0	0
14	500	99.70	Y	202560	0	0
15	NIS					#DIV/0!
16	500	99.10	Y	284736	0	0
17	500	99.70	Y	196224	0	0
18	500	99.20	Y	232896	0	0
19	500	98.90	Y	171072	0	#REF!
20	500	99.50	Y	230926	0	0
21	500	99.30	Y	259968	0	0
22	500	99.50	Y	399168	0	0
23	500	99.20	Y	138816	0	0
24	500	98.70	Y	180672	0	0
25	500	98.80	Y	121344	0	0
26	500	98.00	Y	220992.00	0	0
27	500	98.20	Y	137856	0	0
28	500	98.00	Y	203904	0	0
29	500	99.50	Y	409344	0	0
30	500	99.90	Y	210048	0	0
31	500	99.80	Y	303744	0	0
Monthly Cumulative % Off-Spec Water Produced						#DIV/0!

Signature: 

Op Cert #: 06111 Date: March 6, 2021