


## Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 6 / 2021


Day	Well #2 [On/Off]	12 AM [NTU]	4 AM [NTU]	8 AM [NTU]	12 PM [NTU]	4 PM [NTU]	8 PM [NTU]	Highest Reading of the Day [NTU]	Peak Hourly Demand Flow [GPM]
1	On	0.036	0.036	0.036	0.036	0.035	0.035	0.067	1,064
2	On	0.036	0.036	0.035	0.035	0.035	0.036	0.036	1,068
3	On	0.036	0.035	0.035	0.035	0.035	0.036	0.036	1,049
4	On	0.035	0.036	0.035	0.038	0.042	0.038	0.069	1,090
5	On	0.037	0.037	0.043	0.039	0.038	0.038	0.067	1,095
6	On	0.037	0.037	0.037	0.038	0.037	0.037	0.075	1,094
7	On	0.037	0.037	0.039	0.037	0.037	0.037	0.073	1,089
8	On	0.037	0.037	0.037	0.037	0.037	0.037	0.069	1,087
9	On	0.039	0.039	0.038	0.037	0.042	0.038	0.064	1,095
10	On	0.038	0.038	0.038	0.037	0.039	0.038	0.081	1,097
11	On	0.041	0.039	0.038	0.039	0.042	0.041	0.063	1,092
12	On	0.041	0.039	0.038	0.038	0.038	0.038	0.077	1,084
13	On	0.038	0.041	0.039	0.038	0.038	0.038	0.069	1,085
14	On	0.038	0.038	0.039	0.039	0.039	0.039	0.090	1,075
15	On	0.039	0.041	0.039	0.039	0.039	0.046	0.085	1,087
16	On	0.040	0.040	0.041	0.041	0.040	0.041	0.063	1,083
17	On	0.041	0.041	0.041	0.041	0.041	0.041	0.066	1,064
18	On	0.041	0.041	0.043	0.042	0.042	0.042	0.073	1,071
19	On	0.042	0.042	0.076	0.043	0.043	0.043	0.076	1,092
20	On	0.043	0.043	0.043	0.044	0.044	0.044	0.077	1,091
21	On	0.044	0.044	0.044	0.046	0.046	0.046	0.080	1,070
22	On	0.046	0.046	0.048	0.048	0.048	0.048	0.075	1,077
23	On	0.048	0.048	0.048	0.048	0.048	0.048	0.048	1,094
24	On	0.048	0.048	0.052	0.050	0.050	0.050	0.086	1,076
25	On	0.051	0.050	0.050	0.052	0.052	0.052	0.070	1,101
26	On	0.052	0.052	0.052	0.052	0.052	0.052	0.052	1,085
27	On	0.052	0.052	0.055	0.055	0.055	0.055	0.089	1,074
28	On	0.055	0.055	0.056	0.056	0.056	0.057	0.095	1,062
29	On	0.057	0.057	0.058	0.057	0.056	0.057	0.106	1,064
30	On	0.057	0.057	0.057	0.056	0.056	0.056	0.057	1,086
<b>Natural Filtration</b>					<b>Monthly UV Summary</b>				
95% of turbidity readings $\leq$ 1 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					Is the volume of off-spec water produced less than 5% in the month? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
					Printed Name: Dave Embleton				
					Signature: 				Date: 7/8/2021
					Phone #: (541) 726-2396				Cert #: D6098/T6098
Is there a 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								CT <sub>viral</sub> Required = 5.60 Achieved = 33.74	

Notes: \* Thurston Well 2 Off

## Oregon OHA - Drinking Water Services - UV Surface Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 6 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.23%				
Minimum Validated UVT: 98.4%				Min. UV Dose achieved/intended this month: 23.0 / 15 mJ/cm <sup>2</sup>				
Day	Peak Hourly Demand Flow [gpm/unit]	Well #2 [On/Off]	Minimum Intensity [mW/cm <sup>2</sup> ]	Minimum Dose [mJ/cm <sup>2</sup> ]	All Lamps On? [Yes/No]	Daily Water Produced {A} [gal]	Water Outside Validated Conditions {B} [gal]	Cumulative Off-Spec Water Produced ((B)/{A})*100 [%]
1	1,064	On	5.4	23.6	Yes	1,246,000	0	
2	1,068	On	26.4	23.5	Yes	1,463,000	0	
3	1,049	On	28.5	23.9	Yes	1,474,000	0	
4	1,090	On	5.4	23.6	Yes	1,434,000	0	
5	1,095	On	5.7	23.5	Yes	1,300,000	0	
6	1,094	On	5.5	23.4	Yes	1,028,000	0	
7	1,089	On	23.7	23.0	Yes	1,093,000	0	
8	1,087	On	5.7	23.5	Yes	1,102,000	0	
9	1,095	On	5.6	23.5	Yes	997,000	0	
10	1,097	On	5.8	23.7	Yes	833,000	0	
11	1,092	On	5.6	23.6	Yes	750,000	0	
12	1,084	On	5.6	23.6	Yes	1,324,000	0	
13	1,085	On	5.8	23.5	Yes	789,000	0	
14	1,075	On	5.6	23.8	Yes	549,000	0	
15	1,087	On	5.6	23.7	Yes	1,261,000	0	
16	1,083	On	5.9	23.6	Yes	1,225,000	0	
17	1,064	On	5.6	23.8	Yes	1,148,000	0	
18	1,071	On	5.6	23.5	Yes	1,115,000	0	
19	1,092	On	5.7	23.5	Yes	994,000	0	
20	1,091	On	27.3	23.5	Yes	968,000	0	
21	1,070	On	5.7	23.1	Yes	1,004,000	0	
22	1,077	On	5.9	23.4	Yes	1,219,000	0	
23	1,094	On	24.2	23.4	Yes	1,477,000	0	
24	1,076	On	6.0	23.4	Yes	1,130,000	0	
25	1,101	On	6.0	23.6	Yes	1,420,000	0	
26	1,085	On	27.2	23.6	Yes	1,421,000	0	
27	1,074	On	6.0	23.5	Yes	1,253,000	0	
28	1,062	On	5.7	23.5	Yes	1,223,000	0	
29	1,064	On	5.6	23.6	Yes	1,242,000	0	
30	1,086	On	27.0	23.5	Yes	1,477,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
<b>Print Name:</b> Dave Embleton			<b>Signature:</b> 			<b>Cert #:</b> D6098/T6098		<b>Date:</b> 7/8/2021

Notes: \* Thurston Well 2 Off