


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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 7 / 2023


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	0.048	0.048	0.048	0.048	0.048	0.043	0.048	914
2	On	0.042	0.042	0.045	0.042	0.042	0.042	0.106	933
3	On	0.042	0.042	0.042	0.043	0.043	0.043	0.083	950
4	On	0.043	0.043	0.044	0.043	0.043	0.044	0.096	933
5	On	0.044	0.044	0.045	0.035	0.035	0.035	0.100	935
6	On	0.035	0.035	0.034	0.034	0.034	0.034	0.035	951
7	On	0.034	0.034	0.035	0.034	0.034	0.034	0.093	935
8	On	0.036	0.035	0.034	0.034	0.034	0.074	0.079	936
9	On	0.035	0.034	0.034	0.034	0.034	0.034	0.035	939
10	On	0.034	0.034	0.035	0.035	0.034	0.035	0.097	922
11	On	0.035	0.034	0.034	0.034	0.034	0.034	0.035	936
12	On	0.035	0.034	0.036	0.035	0.035	0.036	0.084	917
13	On	0.036	0.036	0.036	0.035	0.036	0.036	0.077	921
14	On	0.036	0.036	0.036	0.036	0.036	0.036	0.036	928
15	On	0.036	0.036	0.037	0.036	0.036	0.037	0.086	915
16	On	0.037	0.037	0.036	0.036	0.036	0.036	0.037	915
17	On	0.037	0.036	0.036	0.036	0.038	0.038	0.092	938
18	On	0.038	0.037	0.036	0.036	0.036	0.046	0.085	938
19	On	0.038	0.037	0.037	0.038	0.037	0.038	0.066	940
20	On	0.038	0.037	0.038	0.038	0.037	0.038	0.089	950
21	On	0.038	0.037	0.037	0.037	0.037	0.037	0.081	944
22	On	0.037	0.037	0.037	0.037	0.037	0.037	0.037	935
23	On	0.037	0.037	0.037	0.036	0.036	0.036	0.090	946
24	On	0.035	0.035	0.035	0.035	0.035	0.035	0.036	920
25	On	0.035	0.035	0.035	0.035	0.035	0.047	0.097	943
26	On	0.036	0.035	0.035	0.036	0.036	0.036	0.065	923
27	On	0.036	0.036	0.036	0.036	0.036	0.036	0.080	924
28	On	0.036	0.036	0.036	0.036	0.036	0.036	0.076	936
29	On	0.036	0.036	0.036	0.036	0.036	0.036	0.036	935
30	On	0.036	0.036	0.039	0.037	0.037	0.037	0.085	918
31	On	0.037	0.037	0.038	0.037	0.038	0.038	0.080	938
<b>Natural Filtration</b>					<b>Monthly UV Summary</b>				
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No All turbidity readings < 5 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				
					Printed Name: Dave Embleton				
					Signature: 			Date: 8/7/2023	
					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 = 5.20 Achieved = 35.87	

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: 7 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 12.54%				
Minimum Validated UVT: 98.2%			Min. UV Dose achieved/intended this month: 22.8 / 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	914	On	24.7	23.7	Yes	1,296,000	0	
2	933	On	6.2	23.6	Yes	981,000	0	
3	950	On	5.9	22.8	Yes	1,292,000	0	
4	933	On	6.1	23.7	Yes	1,072,000	0	
5	935	On	6.0	23.6	Yes	817,000	0	
6	951	On	19.7	23.1	Yes	1,280,000	0	
7	935	On	6.0	22.9	Yes	819,000	0	
8	936	On	5.9	23.2	Yes	1,054,000	0	
9	939	On	20.1	23.1	Yes	1,288,000	0	
10	922	On	5.9	23.6	Yes	848,000	0	
11	936	On	24.5	23.6	Yes	1,271,000	0	
12	917	On	5.8	23.5	Yes	1,120,000	0	
13	921	On	6.7	22.9	Yes	955,000	0	
14	928	On	25.1	23.6	Yes	1,258,000	0	
15	915	On	6.7	23.6	Yes	925,000	0	
16	915	On	26.6	23.7	Yes	1,271,000	0	
17	938	On	6.7	23.6	Yes	1,159,000	0	
18	938	On	6.6	23.6	Yes	1,064,000	0	
19	940	On	6.6	23.5	Yes	1,255,000	0	
20	950	On	6.9	23.6	Yes	1,100,000	0	
21	944	On	6.9	22.9	Yes	1,186,000	0	
22	935	On	23.5	23.6	Yes	1,308,000	0	
23	946	On	25.1	23.6	Yes	1,185,000	0	
24	920	On	23.5	23.7	Yes	1,299,000	0	
25	943	On	6.8	23.7	Yes	896,000	0	
26	923	On	6.8	23.8	Yes	1,285,000	0	
27	924	On	6.7	23.1	Yes	1,016,000	0	
28	936	On	6.7	22.8	Yes	1,100,000	0	
29	935	On	25.1	23.8	Yes	1,286,000	0	
30	918	On	6.6	23.6	Yes	1,093,000	0	
31	938	On	6.5	23.6	Yes	1,061,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 8/7/2023

Notes: \* Thurston Well 2 Off