


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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 10 / 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	0.079	0.079	0.079	0.080	0.080	0.080	0.104	921
2	On	0.080	0.080	0.080	0.032	0.032	0.032	0.101	926
3	On	0.032	0.032	0.032	0.032	0.032	0.032	0.057	929
4	On	0.032	0.032	0.032	0.032	0.032	0.031	0.042	932
5	On	0.032	0.032	0.033	0.032	0.031	0.031	0.042	943
6	On	0.031	0.031	0.031	0.032	0.032	0.032	0.042	953
7	On	0.032	0.031	0.031	0.032	0.032	0.032	0.045	939
8	On	0.031	0.031	0.033	0.032	0.032	0.032	0.043	952
9	On	0.031	0.031	0.031	0.032	0.032	0.031	0.044	938
10	On	0.031	0.031	0.031	0.032	0.032	0.031	0.047	953
11	On	0.031	0.031	0.031	0.032	0.032	0.032	0.044	947
12	On	0.032	0.032	0.032	0.037	0.036	0.036	0.052	941
13	On	0.035	0.035	0.034	0.036	0.034	0.033	0.049	937
14	On	0.033	0.033	0.033	0.033	0.033	0.033	0.033	936
15	On	0.033	0.036	0.033	0.033	0.033	0.033	0.073	923
16	On	0.033	0.033	0.034	0.034	0.033	0.033	0.075	920
17	On	0.033	0.033	0.033	0.034	0.033	0.033	0.072	945
18	On	0.033	0.033	0.033	0.034	0.034	0.034	0.072	939
19	On	0.034	0.033	0.033	0.034	0.034	0.034	0.071	941
20	On	0.034	0.034	0.034	0.034	0.034	0.034	0.070	945
21	On	0.034	0.034	0.034	0.062	0.034	0.034	0.066	942
22	On	0.034	0.034	0.034	0.036	0.035	0.035	0.067	947
23	On	0.035	0.035	0.035	0.036	0.035	0.035	0.077	950
24	On	0.034	0.034	0.034	0.034	0.033	0.033	0.069	935
25	On	0.033	0.033	0.033	0.033	0.033	0.033	0.069	922
26	On	0.033	0.033	0.033	0.035	0.035	0.034	0.084	942
27	On	0.034	0.036	0.035	0.034	0.034	0.034	0.070	942
28	On	0.034	0.034	0.035	0.035	0.035	0.035	0.072	932
29	On	0.035	0.036	0.036	0.035	0.036	0.036	0.068	940
30	On	0.036	0.036	0.036	0.037	0.036	0.037	0.066	940
31	On	0.036	0.036	0.036	0.044	0.038	0.038	0.076	937

Natural Filtration	Monthly UV Summary
95% of turbidity readings $\leq$ 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: 11/7/2023
	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 = 4.80 Achieved = 52.86


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: 10 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.15%				
Minimum Validated UVT: 98.6%				Min. UV Dose achieved/intended this month: 17.4 / 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	921	On	6.1	23.5	Yes	822,000	0	
2	926	On	6.0	23.6	Yes	957,000	0	
3	929	On	19.4	23.0	Yes	984,000	0	
4	932	On	24.7	23.7	Yes	1,164,000	0	
5	943	On	5.8	23.7	Yes	1,137,000	0	
6	953	On	6.4	23.7	Yes	1,042,000	0	
7	939	On	6.5	23.6	Yes	934,000	0	
8	952	On	6.7	23.8	Yes	1,103,000	0	
9	938	On	6.6	23.7	Yes	1,105,000	0	
10	953	On	6.7	23.8	Yes	1,008,000	0	
11	947	On	6.7	23.6	Yes	1,113,000	0	
12	941	On	6.6	23.6	Yes	1,058,000	0	
13	937	On	26.5	24.2	Yes	1,321,000	0	
14	936	On	6.2	24.8	Yes	1,295,000	0	
15	923	On	6.3	23.1	Yes	1,085,000	0	
16	920	On	21.1	22.9	Yes	975,000	0	
17	945	On	6.4	22.8	Yes	896,000	0	
18	939	On	6.3	23.6	Yes	934,000	0	
19	941	On	6.3	23.7	Yes	1,016,000	0	
20	945	On	6.6	23.5	Yes	991,000	0	
21	942	On	6.7	23.8	Yes	1,060,000	0	
22	947	On	6.6	23.7	Yes	998,000	0	
23	950	On	6.6	23.6	Yes	1,068,000	0	
24	935	On	6.5	23.7	Yes	1,196,000	0	
25	922	On	6.3	17.4	Yes	1,298,000	0	
26	942	On	6.6	24.4	Yes	755,000	0	
27	942	On	6.5	24.9	Yes	1,113,000	0	
28	932	On	6.4	23.0	Yes	1,005,000	0	
29	940	On	6.4	24.8	Yes	984,000	0	
30	940	On	6.5	23.9	Yes	1,198,000	0	
31	937	On	6.5	23.9	Yes	820,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 11/7/2023

Notes: \* Thurston Well 2 Off