

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 / 2025

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	0.024	0.025	0.024	0.023	0.023	0.025	0.140	915
2	On	0.025	0.024	0.024	0.024	0.024	0.024	0.167	917
3	On	0.024	0.024	0.024	0.024	0.024	0.024	0.125	922
4	On	0.024	0.024	0.024	0.024	0.024	0.024	0.118	931
5	On	0.024	0.024	0.024	0.024	0.024	0.024	0.025	952
6	On	0.025	0.025	0.024	0.024	0.024	0.024	0.134	936
7	On	0.024	0.025	0.024	0.024	0.024	0.025	0.028	936
8	On	0.025	0.025	0.024	0.024	0.025	0.025	0.026	941
9	On	0.025	0.025	0.025	0.025	0.025	0.025	0.147	941
10	On	0.025	0.025	0.025	0.025	0.025	0.025	0.039	922
11	On	0.025	0.025	0.024	0.025	0.025	0.025	0.102	942
12	On	0.025	0.025	0.024	0.025	0.025	0.025	0.026	925
13	On	0.026	0.025	0.025	0.025	0.025	0.026	0.121	922
14	On	0.026	0.026	0.025	0.025	0.025	0.025	0.026	911
15	On	0.026	0.025	0.025	0.024	0.024	0.024	0.030	941
16	On	0.024	0.024	0.024	0.024	0.024	0.024	0.025	917
17	On	0.024	0.026	0.024	0.024	0.024	0.024	0.026	947
18	On	0.024	0.024	0.024	0.024	0.025	0.024	0.104	930
19	On	0.024	0.024	0.024	0.024	0.024	0.024	0.026	928
20	On	0.024	0.024	0.024	0.024	0.024	0.024	0.025	930
21	On	0.024	0.024	0.024	0.025	0.024	0.024	0.108	915
22	On	0.024	0.024	0.024	0.024	0.024	0.024	0.115	940
23	On	0.024	0.024	0.023	0.024	0.024	0.024	0.025	925
24	On	0.024	0.024	0.024	0.023	0.024	0.024	0.120	930
25	On	0.024	0.023	0.023	0.022	0.024	0.024	0.079	911
26	On	0.024	0.024	0.023	0.023	0.024	0.024	0.106	927
27	On	0.023	0.023	0.023	0.023	0.023	0.023	0.028	925
28	On	0.023	0.023	0.023	0.023	0.023	0.023	0.222	921
29	On	0.023	0.023	0.023	0.023	0.023	0.025	0.113	934
30	On	0.024	0.023	0.023	0.023	0.023	0.023	0.119	912
31	On	0.023	0.023	0.022	0.021	0.022	0.022	0.024	907

Natural Filtration

95% of turbidity readings $\leq$ 1 NTU?☒ Yes ☐ NoAll turbidity readings $<$ 5 NTU?☒ Yes ☐ No

Monthly UV Summary

Is the volume of off-spec water produced less than 5% in the month?

☒ Yes ☐ No

Printed Name: Dave Embleton

Signature: 

Date: 8/5/2025

Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 4.80
Achieved = 31.89

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 / 2025

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 14.32%				
Minimum Validated UVT: 97.7%				Min. UV Dose achieved/intended this month: 22.8 / 15 mJ/cm ²				
Day	Peak Hourly Demand Flow [gpm/unit]	Well #2 [On/Off]	Minimum Intensity [mW/cm ²]	Minimum Dose [mJ/cm ²]	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	915	On	5.6	23.1	Yes	1,126,000	0	
2	917	On	5.6	23.6	Yes	1,124,000	0	
3	922	On	5.6	23.6	Yes	1,079,000	0	
4	931	On	5.5	23.8	Yes	1,122,000	0	
5	952	On	26.0	23.9	Yes	1,321,000	0	
6	936	On	6.6	23.9	Yes	1,046,000	0	
7	936	On	25.1	23.6	Yes	1,272,000	0	
8	941	On	23.3	23.6	Yes	1,293,000	0	
9	941	On	6.6	23.2	Yes	1,119,000	0	
10	922	On	26.2	24.8	Yes	1,308,000	0	
11	942	On	6.8	23.8	Yes	1,292,000	0	
12	925	On	25.2	23.9	Yes	1,271,000	0	
13	922	On	5.7	23.8	Yes	1,190,000	0	
14	911	On	24.7	24.0	Yes	1,261,000	0	
15	941	On	5.6	23.6	Yes	1,279,000	0	
16	917	On	23.6	23.4	Yes	1,293,000	0	
17	947	On	23.7	23.5	Yes	1,306,000	0	
18	930	On	6.6	23.0	Yes	1,283,000	0	
19	928	On	23.2	23.6	Yes	1,283,000	0	
20	930	On	22.8	23.6	Yes	1,298,000	0	
21	915	On	5.6	23.1	Yes	1,288,000	0	
22	940	On	6.9	23.6	Yes	1,221,000	0	
23	925	On	19.8	22.8	Yes	1,299,000	0	
24	930	On	6.7	23.7	Yes	1,062,000	0	
25	911	On	6.5	23.0	Yes	1,278,000	0	
26	927	On	5.6	23.7	Yes	1,129,000	0	
27	925	On	25.2	24.0	Yes	1,280,000	0	
28	921	On	22.9	23.7	Yes	1,268,000	0	
29	934	On	5.8	23.5	Yes	1,268,000	0	
30	912	On	0.2	24.1	Yes	1,098,000	0	
31	907	On	24.2	23.7	Yes	1,273,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 8/5/2025

Notes: * Thurston Well 2 Off