

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 / 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	0.027	0.028	0.029	0.027	0.027	0.027	0.192	922
2	On	0.027	0.028	0.028	0.027	0.027	0.027	0.161	920
3	On	0.028	0.028	0.027	0.027	0.027	0.028	0.150	919
4	On	0.027	0.028	0.027	0.027	0.028	0.027	0.127	931
5	On	0.027	0.028	0.027	0.028	0.028	0.027	0.107	941
6	On	0.027	0.028	0.027	0.027	0.027	0.028	0.123	943
7	On	0.027	0.028	0.027	0.027	0.027	0.028	0.117	948
8	On	0.025	0.027	0.026	0.026	0.025	0.026	0.030	937
9	On	0.028	0.029	0.027	0.028	0.028	0.029	0.033	949
10	On	0.029	0.030	0.028	0.028	0.028	0.029	0.039	954
11	On	0.027	0.028	0.028	0.028	0.028	0.028	0.029	926
12	On	0.028	0.028	0.028	0.035	0.029	0.029	0.176	928
13	On	0.030	0.031	0.028	0.028	0.028	0.029	0.032	950
14	On	0.029	0.028	0.028	0.028	0.028	0.028	0.180	940
15	On	0.028	0.028	0.027	0.027	0.027	0.028	0.146	948
16	On	0.028	0.028	0.027	0.027	0.027	0.028	0.141	935
17	On	0.028	0.028	0.027	0.027	0.027	0.028	0.126	935
18	On	0.027	0.029	0.027	0.027	0.027	0.027	0.029	949
19	On	0.027	0.027	0.027	0.027	0.027	0.000	0.135	950
20	On	0.027	0.026	0.025	0.026	0.025	0.025	0.111	929
21	On	0.025	0.025	0.025	0.025	0.025	0.024	0.135	937
22	On	0.024	0.024	0.024	0.024	0.023	0.026	0.138	940
23	On	0.025	0.024	0.024	0.024	0.025	0.025	0.091	934
24	On	0.024	0.024	0.024	0.024	0.024	0.024	0.025	943
25	On	0.024	0.024	0.024	0.024	0.024	0.024	0.025	942
26	On	0.024	0.024	0.024	0.024	0.024	0.024	0.025	942
27	On	0.024	0.024	0.024	0.024	0.024	0.024	0.104	941
28	On	0.024	0.024	0.025	0.024	0.024	0.024	0.123	926
29	On	0.024	0.024	0.024	0.023	0.023	0.023	0.120	926
30	On	0.025	0.025	0.023	0.023	0.023	0.023	0.107	920

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: 7/8/2025

Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 5.20
Achieved = 34.04

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 / 2025

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 14.25%				
Minimum Validated UVT: 97.7%				Min. UV Dose achieved/intended this month: 23.3 / 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	922	On	5.4	23.6	Yes	1,020,000	0	
2	920	On	5.5	23.7	Yes	1,036,000	0	
3	919	On	5.5	23.6	Yes	1,002,000	0	
4	931	On	5.6	23.6	Yes	1,166,000	0	
5	941	On	25.5	23.8	Yes	1,268,000	0	
6	943	On	6.6	23.7	Yes	1,131,000	0	
7	948	On	6.6	23.7	Yes	1,189,000	0	
8	937	On	25.0	23.8	Yes	1,272,000	0	
9	949	On	23.4	23.6	Yes	1,268,000	0	
10	954	On	23.5	23.5	Yes	1,286,000	0	
11	926	On	24.9	23.8	Yes	1,282,000	0	
12	928	On	5.5	23.8	Yes	1,151,000	0	
13	950	On	23.6	23.6	Yes	1,302,000	0	
14	940	On	6.5	24.3	Yes	886,000	0	
15	948	On	6.6	24.0	Yes	1,172,000	0	
16	935	On	6.5	23.6	Yes	1,116,000	0	
17	935	On	6.6	23.7	Yes	1,131,000	0	
18	949	On	23.6	23.5	Yes	1,317,000	0	
19	950	On	24.8	24.6	Yes	1,063,000	0	
20	929	On	5.6	23.3	Yes	597,000	0	
21	937	On	6.8	23.8	Yes	454,000	0	
22	940	On	6.7	24.9	Yes	725,000	0	
23	934	On	6.7	23.7	Yes	1,182,000	0	
24	943	On	25.0	23.6	Yes	1,321,000	0	
25	942	On	25.9	24.2	Yes	1,322,000	0	
26	942	On	25.9	24.0	Yes	1,315,000	0	
27	941	On	6.6	24.0	Yes	1,292,000	0	
28	926	On	5.5	23.7	Yes	979,000	0	
29	926	On	7.6	24.4	Yes	990,000	0	
30	920	On	5.5	23.9	Yes	1,088,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 7/8/2025

Notes: * Thurston Well 2 Off