

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 12 / 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	0.017	0.017	0.017	0.019	0.018	0.017	0.066	1,018
2	On	0.017	0.017	0.017	0.017	0.017	0.017	0.066	1,022
3	On	0.017	0.017	0.017	0.017	0.017	0.017	0.059	1,003
4	On	0.017	0.017	0.017	0.017	0.017	0.017	0.074	1,007
5	On	0.017	0.017	0.017	0.017	0.017	0.018	0.060	992
6	On	0.021	0.019	0.019	0.019	0.088	0.049	0.255	996
7	On	0.041	0.038	0.034	0.038	0.031	0.028	0.116	1,006
8	On	0.026	0.026	0.025	0.028	0.024	0.023	0.079	1,001
9	On	0.023	0.023	0.024	0.024	0.026	0.025	0.071	1,003
10	On	0.027	0.064	0.046	0.051	0.052	0.054	0.082	1,015
11	On	0.054	0.051	0.050	0.051	0.050	0.049	0.099	1,017
12	On	0.040	0.039	0.039	0.033	0.032	0.031	0.084	1,014
13	On	0.031	0.030	0.030	0.029	0.027	0.026	0.073	1,019
14	On	0.026	0.025	0.026	0.024	0.024	0.024	0.071	1,013
15	On	0.024	0.023	0.023	0.024	0.023	0.022	0.061	1,004
16	On	0.024	0.023	0.023	0.022	0.023	0.023	0.063	1,001
17	On	0.023	0.022	0.023	0.023	0.058	0.028	0.060	996
18	On	0.030	0.033	0.029	0.028	0.028	0.031	0.074	1,006
19	On	0.052	0.059	0.052	0.283	0.473	0.569	0.574	1,018
20	On	0.549	0.505	0.486	0.347	0.296	0.236	0.595	1,011
21	On	0.212	0.202	0.195	0.156	0.146	0.152	0.249	1,009
22	On	0.157	0.153	0.146	0.120	0.115	0.122	0.217	1,013
23	On	0.127	0.128	0.127	0.125	0.122	0.116	0.129	1,017
24	On	0.114	0.111	0.108	0.102	0.079	0.082	0.168	1,022
25	On	0.084	0.086	0.085	0.082	0.068	0.067	0.134	1,022
26	On	0.070	0.067	0.063	0.066	0.067	0.067	0.111	1,021
27	On	0.067	0.063	0.059	0.061	0.061	0.060	0.107	1,019
28	On	0.059	0.054	0.051	0.051	0.053	0.054	0.108	1,018
29	On	0.053	0.051	0.048	0.045	0.047	0.049	0.100	1,010
30	On	0.049	0.049	0.047	0.044	0.043	0.043	0.094	1,009
31	On	0.044	0.044	0.043	0.043	0.041	0.041	0.087	1,010

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: 1/2/2026

Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 6.00
Achieved = 61.28

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: 12 / 2025

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 10.55%				
Minimum Validated UVT: 96.4%				Min. UV Dose achieved/intended this month: 17.4 / 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	1,018	On	6.6	23.1	Yes	1,060,000	0	
2	1,022	On	6.5	24.2	Yes	933,000	0	
3	1,003	On	6.3	25.4	Yes	1,136,000	0	
4	1,007	On	5.5	25.3	Yes	695,000	0	
5	992	On	5.5	23.8	Yes	994,000	0	
6	996	On	26.7	23.7	Yes	555,000	0	
7	1,006	On	5.4	22.9	Yes	810,000	0	
8	1,001	On	5.5	25.1	Yes	1,012,000	0	
9	1,003	On	5.4	25.2	Yes	1,234,000	0	
10	1,015	On	5.3	24.1	Yes	1,154,000	0	
11	1,017	On	6.2	24.0	Yes	855,000	0	
12	1,014	On	6.2	22.9	Yes	915,000	0	
13	1,019	On	6.1	24.0	Yes	1,002,000	0	
14	1,013	On	6.4	23.0	Yes	963,000	0	
15	1,004	On	5.4	23.7	Yes	1,103,000	0	
16	1,001	On	5.4	25.3	Yes	1,089,000	0	
17	996	On	5.3	17.4	Yes	1,141,000	0	
18	1,006	On	23.2	23.2	Yes	1,353,000	0	
19	1,018	On	5.3	23.8	Yes	933,000	0	
20	1,011	On	4.7	23.7	Yes	1,083,000	0	
21	1,009	On	5.0	25.2	Yes	913,000	0	
22	1,013	On	5.1	24.4	Yes	813,000	0	
23	1,017	On	22.0	23.0	Yes	1,444,000	0	
24	1,022	On	6.1	24.2	Yes	855,000	0	
25	1,022	On	5.9	24.3	Yes	901,000	0	
26	1,021	On	6.1	24.2	Yes	1,093,000	0	
27	1,019	On	6.0	24.2	Yes	1,011,000	0	
28	1,018	On	6.1	24.3	Yes	818,000	0	
29	1,010	On	29.1	25.4	Yes	883,000	0	
30	1,009	On	5.3	25.0	Yes	708,000	0	
31	1,010	On	5.4	25.0	Yes	916,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098	Date: 1/2/2026	

Notes: * Thurston Well 2 Off