

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 11 / 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	0.019	0.019	0.018	0.018	0.019	0.019	0.074	996
2	On	0.019	0.019	0.019	0.069	0.019	0.019	0.069	995
3	On	0.019	0.019	0.019	0.021	0.021	0.019	0.069	1,011
4	On	0.019	0.019	0.019	0.018	0.022	0.019	0.062	1,009
5	On	0.018	0.020	0.020	0.020	0.019	0.019	0.079	992
6	On	0.019	0.019	0.019	0.021	0.019	0.020	0.073	1,003
7	On	0.019	0.019	0.018	0.022	0.020	0.020	0.067	1,003
8	On	0.019	0.019	0.019	0.021	0.019	0.019	0.067	998
9	On	0.019	0.019	0.019	0.019	0.018	0.019	0.058	1,000
10	On	0.019	0.018	0.019	0.018	0.019	0.019	0.056	999
11	On	0.019	0.019	0.020	0.020	0.020	0.019	0.079	998
12	On	0.018	0.019	0.020	0.054	0.021	0.020	0.082	1,014
13	On	0.018	0.019	0.018	0.024	0.020	0.019	0.065	1,016
14	On	0.018	0.018	0.018	0.020	0.018	0.019	0.063	1,011
15	On	0.018	0.019	0.018	0.021	0.019	0.019	0.057	1,010
16	On	0.019	0.020	0.019	0.018	0.018	0.019	0.054	1,015
17	On	0.018	0.018	0.017	0.017	0.032	0.018	0.056	1,004
18	On	0.018	0.018	0.019	0.019	0.018	0.018	0.061	1,006
19	On	0.018	0.017	0.017	0.017	0.018	0.017	0.048	1,005
20	On	0.017	0.017	0.018	0.017	0.018	0.017	0.058	992
21	On	0.017	0.017	0.017	0.021	0.017	0.017	0.056	992
22	On	0.017	0.018	0.017	0.017	0.017	0.017	0.054	999
23	On	0.017	0.048	0.017	0.017	0.017	0.017	0.049	1,000
24	On	0.017	0.017	0.027	0.017	0.017	0.017	0.056	995
25	On	0.017	0.017	0.017	0.018	0.017	0.017	0.064	989
26	On	0.017	0.017	0.017	0.018	0.017	0.017	0.063	1,008
27	On	0.017	0.017	0.017	0.018	0.017	0.017	0.060	1,001
28	On	0.017	0.017	0.017	0.017	0.023	0.019	0.065	1,013
29	On	0.017	0.017	0.017	0.017	0.018	0.017	0.054	1,010
30	On	0.017	0.017	0.017	0.017	0.017	0.017	0.053	1,008

Natural Filtration

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

All 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: 12/1/2025

Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 5.60
Achieved = 74.19

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:** 11 / 2025

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 11.87%				
Minimum Validated UVT: 98.7%				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	996	On	5.6	25.4	Yes	898,000	0	
2	995	On	5.4	25.3	Yes	1,030,000	0	
3	1,011	On	5.5	24.9	Yes	1,380,000	0	
4	1,009	On	5.6	23.1	Yes	1,044,000	0	
5	992	On	6.4	24.5	Yes	937,000	0	
6	1,003	On	5.5	25.2	Yes	1,048,000	0	
7	1,003	On	5.6	25.3	Yes	1,188,000	0	
8	998	On	5.5	24.3	Yes	1,102,000	0	
9	1,000	On	27.3	24.1	Yes	1,430,000	0	
10	999	On	5.6	24.2	Yes	1,409,000	0	
11	998	On	5.6	22.9	Yes	819,000	0	
12	1,014	On	5.6	23.7	Yes	860,000	0	
13	1,016	On	6.5	24.9	Yes	1,048,000	0	
14	1,011	On	6.4	25.1	Yes	1,176,000	0	
15	1,010	On	6.2	25.0	Yes	1,170,000	0	
16	1,015	On	22.0	22.8	Yes	1,290,000	0	
17	1,004	On	6.5	24.1	Yes	1,220,000	0	
18	1,006	On	28.3	24.8	Yes	1,122,000	0	
19	1,005	On	5.6	23.7	Yes	1,285,000	0	
20	992	On	5.6	22.8	Yes	1,027,000	0	
21	992	On	5.6	23.9	Yes	962,000	0	
22	999	On	27.5	24.1	Yes	1,274,000	0	
23	1,000	On	5.6	23.8	Yes	1,284,000	0	
24	995	On	5.6	23.9	Yes	865,000	0	
25	989	On	5.7	23.9	Yes	807,000	0	
26	1,008	On	28.9	25.1	Yes	878,000	0	
27	1,001	On	6.5	25.2	Yes	884,000	0	
28	1,013	On	6.4	24.9	Yes	631,000	0	
29	1,010	On	6.7	25.0	Yes	998,000	0	
30	1,008	On	6.4	23.2	Yes	1,004,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 12/1/2025

Notes: * Thurston Well 2 Off