

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 4 / 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	0.047	0.052	0.053	0.054	0.044	0.048	0.080	952
2	On	0.052	0.054	0.054	0.055	0.047	0.049	0.097	968
3	On	0.052	0.052	0.053	0.053	0.044	0.047	0.099	967
4	On	0.049	0.052	0.061	0.065	0.041	0.044	0.099	957
5	On	0.045	0.050	0.055	0.056	0.040	0.042	0.100	962
6	On	0.042	0.047	0.052	0.054	0.039	0.040	0.096	952
7	On	0.041	0.043	0.045	0.041	0.043	0.045	0.046	940
8	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
9	On	0.049	0.048	0.049	0.046	0.040	0.041	0.243	951
10	On	0.041	0.044	0.043	0.038	0.039	0.039	0.115	937
11	On	0.040	0.041	0.041	0.038	0.039	0.038	0.106	943
12	On	0.039	0.040	0.040	0.040	0.036	0.038	0.099	948
13	On	0.038	0.039	0.039	0.039	0.035	0.036	0.093	948
14	On	0.038	0.038	0.041	0.035	0.036	0.036	0.086	952
15	On	0.037	0.038	0.039	0.035	0.036	0.036	0.087	939
16	On	0.037	0.038	0.038	0.043	0.035	0.035	0.093	950
17	On	0.037	0.037	0.034	0.034	0.036	0.036	0.086	956
18	On	0.036	0.037	0.036	0.034	0.034	0.034	0.081	956
19	On	0.036	0.035	0.034	0.033	0.033	0.034	0.089	944
20	On	0.035	0.034	0.031	0.034	0.033	0.034	0.088	954
21	On	0.033	0.034	0.031	0.032	0.032	0.032	0.082	953
22	On	0.032	0.033	0.032	0.032	0.032	0.032	0.084	965
23	On	0.032	0.032	0.032	0.032	0.033	0.031	0.080	961
24	On	0.031	0.031	0.032	0.031	0.031	0.031	0.073	945
25	On	0.031	0.031	0.031	0.031	0.031	0.031	0.076	951
26	On	0.031	0.031	0.031	0.031	0.030	0.030	0.076	942
27	On	0.030	0.030	0.030	0.030	0.030	0.030	0.032	941
28	On	0.030	0.030	0.030	0.030	0.030	0.030	0.032	941
29	On	0.030	0.030	0.030	0.030	0.030	0.030	0.031	928
30	On	0.030	0.030	0.030	0.030	0.030	0.030	0.106	934

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: 5/5/2025

Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 6.40
Achieved = 40.79

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: 4 / 2025

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.54%				
Minimum Validated UVT: 98.6%				Min. UV Dose achieved/intended this month: 22.2 / 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	952	On	5.4	23.0	Yes	759,000	0	
2	968	On	5.3	23.6	Yes	890,000	0	
3	967	On	6.6	24.0	Yes	834,000	0	
4	957	On	6.6	23.7	Yes	645,000	0	
5	962	On	6.4	23.6	Yes	628,000	0	
6	952	On	6.3	23.7	Yes	680,000	0	
7	940	On	6.3	23.6	Yes	62,000	0	
8	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
9	951	On	14.3	22.4	Yes	661,000	0	
10	937	On	5.4	23.2	Yes	563,000	0	
11	943	On	5.3	23.1	Yes	524,000	0	
12	948	On	5.3	22.9	Yes	638,000	0	
13	948	On	5.3	23.1	Yes	786,000	0	
14	952	On	5.3	23.0	Yes	944,000	0	
15	939	On	5.3	23.1	Yes	926,000	0	
16	950	On	5.3	23.2	Yes	681,000	0	
17	956	On	20.4	22.9	Yes	965,000	0	
18	956	On	6.3	23.7	Yes	1,039,000	0	
19	944	On	6.5	23.1	Yes	780,000	0	
20	954	On	19.8	22.8	Yes	723,000	0	
21	953	On	6.4	23.7	Yes	923,000	0	
22	965	On	6.3	23.6	Yes	897,000	0	
23	961	On	6.2	23.1	Yes	1,147,000	0	
24	945	On	5.4	23.0	Yes	1,145,000	0	
25	951	On	5.3	22.2	Yes	1,138,000	0	
26	942	On	5.2	23.2	Yes	1,171,000	0	
27	941	On	17.1	23.6	Yes	1,316,000	0	
28	941	On	17.1	22.9	Yes	1,321,000	0	
29	928	On	17.5	23.5	Yes	1,312,000	0	
30	934	On	5.3	23.5	Yes	1,078,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 5/5/2025

Notes: * Thurston Well 2 Off