

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 3 / 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	0.043	0.044	0.044	0.039	0.041	0.041	0.084	973
2	On	0.042	0.039	0.039	0.041	0.041	0.042	0.077	968
3	On	0.042	0.042	0.043	0.044	0.102	0.059	0.105	965
4	On	0.061	0.037	0.038	0.037	0.036	0.037	0.096	954
5	On	0.038	0.040	0.039	0.037	0.035	0.036	0.084	950
6	On	0.036	0.040	0.039	0.036	0.044	0.043	0.081	936
7	On	0.043	0.041	0.038	0.036	0.034	0.034	0.099	950
8	On	0.034	0.035	0.035	0.034	0.033	0.033	0.081	945
9	On	0.034	0.035	0.035	0.034	0.033	0.033	0.081	945
10	On	0.033	0.033	0.033	0.034	0.032	0.032	0.079	953
11	On	0.032	0.032	0.032	0.032	0.032	0.032	0.072	951
12	On	0.032	0.032	0.032	0.031	0.031	0.031	0.076	950
13	On	0.029	0.029	0.030	0.033	0.033	0.032	0.071	942
14	On	0.033	0.035	0.035	0.035	0.034	0.033	0.074	951
15	On	0.034	0.034	0.034	0.034	0.035	0.035	0.081	962
16	On	0.035	0.036	0.037	0.037	0.083	0.169	0.257	956
17	On	0.257	0.324	0.320	0.202	0.158	0.165	0.351	949
18	On	0.158	0.159	0.073	0.081	0.083	0.083	0.160	957
19	On	0.064	0.065	0.076	0.068	0.046	0.049	0.086	957
20	On	0.049	0.049	0.049	0.042	0.044	0.044	0.077	958
21	On	0.044	0.044	0.062	0.041	0.041	0.042	0.078	968
22	On	0.042	0.041	0.038	0.041	0.077	0.097	0.104	959
23	On	0.104	0.104	0.102	0.101	0.072	0.080	0.126	960
24	On	0.082	0.082	0.080	0.051	0.063	0.067	0.109	961
25	On	0.069	0.067	0.068	0.055	0.061	0.064	0.095	961
26	On	0.066	0.067	0.066	0.065	0.058	0.060	0.094	963
27	On	0.062	0.063	0.063	0.063	0.053	0.059	0.094	957
28	On	0.063	0.063	0.063	0.059	0.059	0.062	0.096	958
29	On	0.069	0.067	0.067	0.049	0.058	0.061	0.091	953
30	On	0.063	0.063	0.064	0.067	0.053	0.057	0.091	959
31	On	0.059	0.057	0.058	0.052	0.054	0.055	0.089	952

Natural Filtration

95% of turbidity readings ≤ 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: 4/7/2025

Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 7.20
Achieved = 53.33

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: 3 / 2025

Minumum UVT [%] during month: N/A					Duty Sensor variation from reference sensor: 13.85%			
Minimum Validated UVT: 98.3%				Min. UV Dose achieved/intended this month: 22.5 / 15 mJ/cm²				
Day	Peak Hourly Demand Flow [gpm/unit]	Well #2 [On/Off]	Minimum Intensity [mW/cm²]	Minimum Dose [mJ/cm²]	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	973	On	6.5	23.1	Yes	696,000	0	
2	968	On	25.9	23.7	Yes	1,220,000	0	
3	965	On	6.5	23.9	Yes	232,000	0	
4	954	On	6.5	23.7	Yes	755,000	0	
5	950	On	26.7	24.6	Yes	564,000	0	
6	936	On	5.9	24.5	Yes	47,000	0	
7	950	On	26.5	24.5	Yes	583,000	0	
8	945	On	5.8	23.0	Yes	610,000	0	
9	945	On	5.8	23.0	Yes	610,000	0	
10	953	On	5.8	23.7	Yes	629,000	0	
11	951	On	5.9	23.1	Yes	889,000	0	
12	950	On	5.6	23.1	Yes	687,000	0	
13	942	On	5.4	23.3	Yes	532,000	0	
14	951	On	5.5	23.1	Yes	899,000	0	
15	962	On	5.4	23.1	Yes	702,000	0	
16	956	On	5.4	23.1	Yes	830,000	0	
17	949	On	5.2	23.0	Yes	823,000	0	
18	957	On	5.3	22.5	Yes	700,000	0	
19	957	On	5.2	23.2	Yes	676,000	0	
20	958	On	6.7	23.6	Yes	407,000	0	
21	968	On	6.7	23.7	Yes	750,000	0	
22	959	On	6.7	23.7	Yes	600,000	0	
23	960	On	6.6	23.7	Yes	658,000	0	
24	961	On	25.6	23.7	Yes	750,000	0	
25	961	On	6.6	23.6	Yes	895,000	0	
26	963	On	6.5	23.6	Yes	951,000	0	
27	957	On	5.4	23.5	Yes	777,000	0	
28	958	On	5.3	23.2	Yes	592,000	0	
29	953	On	5.3	23.1	Yes	970,000	0	
30	959	On	5.3	22.7	Yes	922,000	0	
31	952	On	5.3	23.1	Yes	831,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 4/7/2025

Notes: * Thurston Well 2 Off