

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 5 / 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	0.030	0.029	0.032	0.029	0.029	0.029	0.088	951
2	On	0.029	0.029	0.030	0.029	0.028	0.029	0.082	935
3	On	0.029	0.029	0.029	0.029	0.029	0.029	0.082	936
4	On	0.029	0.029	0.028	0.029	0.028	0.028	0.084	938
5	On	0.028	0.029	0.030	0.029	0.029	0.028	0.139	939
6	On	0.028	0.029	0.029	0.028	0.029	0.028	0.074	941
7	On	0.028	0.028	0.028	0.028	0.029	0.028	0.029	921
8	On	0.028	0.028	0.028	0.028	0.028	0.028	0.076	928
9	On	0.028	0.029	0.028	0.028	0.028	0.028	0.030	954
10	On	0.028	0.028	0.028	0.028	0.028	0.028	0.030	955
11	On	0.030	0.028	0.033	0.028	0.028	0.028	0.111	948
12	On	0.028	0.028	0.029	0.028	0.028	0.028	0.096	954
13	On	0.028	0.028	0.029	0.028	0.028	0.028	0.089	947
14	On	0.028	0.028	0.028	0.028	0.027	0.028	0.028	954
15	On	0.028	0.028	0.028	0.028	0.028	0.028	0.081	948
16	On	0.028	0.028	0.028	0.029	0.028	0.028	0.031	945
17	On	0.028	0.028	0.028	0.028	0.028	0.028	0.030	941
18	On	0.028	0.028	0.028	0.028	0.028	0.027	0.029	940
19	On	0.028	0.028	0.030	0.028	0.028	0.028	0.118	942
20	On	0.028	0.028	0.028	0.028	0.028	0.028	0.028	944
21	On	0.028	0.028	0.028	0.028	0.028	0.028	0.028	926
22	On	0.028	0.028	0.028	0.028	0.028	0.028	0.237	953
23	On	0.028	0.028	0.028	0.028	0.028	0.028	0.028	942
24	On	0.028	0.027	0.028	0.027	0.027	0.027	0.030	942
25	On	0.027	0.027	0.028	0.027	0.027	0.027	0.032	940
26	On	0.027	0.027	0.028	0.027	0.027	0.027	0.041	927
27	On	0.027	0.028	0.028	0.027	0.027	0.027	0.040	942
28	On	0.027	0.027	0.028	0.027	0.027	0.027	0.028	926
29	On	0.027	0.027	0.027	0.028	0.028	0.027	0.162	951
30	On	0.027	0.028	0.027	0.027	0.027	0.027	0.029	940
31	On	0.027	0.028	0.027	0.027	0.027	0.027	0.029	936

Natural Filtration

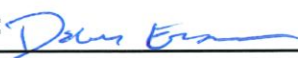
95% of turbidity readings $\leq$ 1 NTU?☒ Yes ☐ NoAll turbidity readings $<$ 5 NTU?☒ Yes ☐ No

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: 6/4/2025

Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 6.00
Achieved = 38.54

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: 5 / 2025

Mininum UVT [%] during month: N/A					Duty Sensor variation from reference sensor: 13.25%			
Minimum Validated UVT: 98.8%				Min. UV Dose achieved/intended this month: 22.4 / 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	951	On	6.2	23.4	Yes	935,000	0	
2	935	On	5.3	23.1	Yes	984,000	0	
3	936	On	5.2	23.0	Yes	1,041,000	0	
4	938	On	5.4	23.2	Yes	992,000	0	
5	939	On	5.4	22.4	Yes	1,053,000	0	
6	941	On	5.5	23.1	Yes	1,138,000	0	
7	921	On	24.9	23.7	Yes	1,296,000	0	
8	928	On	5.5	23.8	Yes	1,303,000	0	
9	954	On	20.2	23.2	Yes	1,318,000	0	
10	955	On	25.7	23.8	Yes	1,317,000	0	
11	948	On	6.4	23.8	Yes	981,000	0	
12	954	On	6.3	23.6	Yes	1,081,000	0	
13	947	On	6.5	23.7	Yes	1,133,000	0	
14	954	On	24.7	23.8	Yes	1,322,000	0	
15	948	On	6.2	23.8	Yes	1,281,000	0	
16	945	On	25.2	23.7	Yes	1,298,000	0	
17	941	On	20.1	23.0	Yes	1,333,000	0	
18	940	On	25.6	23.8	Yes	1,326,000	0	
19	942	On	5.6	23.7	Yes	1,191,000	0	
20	944	On	25.4	23.6	Yes	1,325,000	0	
21	926	On	25.7	24.3	Yes	1,318,000	0	
22	953	On	5.4	23.2	Yes	1,331,000	0	
23	942	On	26.3	24.5	Yes	1,337,000	0	
24	942	On	19.6	23.0	Yes	1,327,000	0	
25	940	On	25.9	24.3	Yes	1,332,000	0	
26	927	On	23.7	24.1	Yes	1,312,000	0	
27	942	On	23.7	23.6	Yes	1,308,000	0	
28	926	On	25.7	24.3	Yes	1,299,000	0	
29	951	On	6.6	23.6	Yes	1,293,000	0	
30	940	On	23.1	23.6	Yes	1,285,000	0	
31	936	On	23.2	23.5	Yes	1,282,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 6/4/2025

Notes: * Thurston Well 2 Off