

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 8 / 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	0.023	0.023	0.022	0.023	0.023	0.022	0.095	911
2	On	0.023	0.023	0.022	0.022	0.022	0.022	0.024	946
3	On	0.023	0.023	0.022	0.021	0.020	0.021	0.024	945
4	On	0.021	0.020	0.022	0.022	0.024	0.022	0.160	920
5	On	0.020	0.019	0.022	0.022	0.022	0.022	0.115	928
6	On	0.020	0.020	0.019	0.021	0.020	0.021	0.098	927
7	On	0.022	0.021	0.020	0.021	0.020	0.020	0.531	939
8	On	0.022	0.021	0.022	0.022	0.022	0.021	0.023	943
9	On	0.021	0.021	0.021	0.021	0.022	0.022	0.022	929
10	On	0.021	0.021	0.021	0.022	0.022	0.021	0.022	939
11	On	0.021	0.021	0.022	0.023	0.023	0.024	0.189	924
12	On	0.024	0.024	0.022	0.023	0.023	0.023	0.027	925
13	On	0.024	0.024	0.023	0.023	0.023	0.023	0.026	915
14	On	0.024	0.023	0.023	0.023	0.023	0.023	0.031	940
15	On	0.023	0.023	0.022	0.025	0.023	0.023	0.124	937
16	On	0.023	0.023	0.023	0.024	0.023	0.023	0.029	934
17	On	0.023	0.023	0.023	0.023	0.023	0.023	0.055	940
18	On	0.023	0.023	0.024	0.023	0.023	0.023	0.090	936
19	On	0.023	0.023	0.024	0.023	0.023	0.023	0.083	932
20	On	0.023	0.023	0.024	0.023	0.023	0.023	0.119	922
21	On	0.023	0.024	0.024	0.023	0.023	0.023	0.153	925
22	On	0.025	0.031	0.025	0.023	0.025	0.023	0.123	933
23	On	0.028	0.024	0.027	0.024	0.030	0.027	0.118	925
24	On	0.025	0.026	0.023	0.024	0.023	0.025	0.132	917
25	On	0.028	0.025	0.023	0.024	0.024	0.024	0.146	926
26	On	0.030	0.024	0.024	0.023	0.024	0.024	0.107	947
27	On	0.025	0.025	0.023	0.024	0.024	0.024	0.063	931
28	On	0.025	0.025	0.032	0.024	0.024	0.024	0.094	924
29	On	0.051	0.024	0.024	0.025	0.034	0.024	0.108	934
30	On	0.024	0.024	0.024	0.024	0.025	0.024	0.127	941
31	On	0.030	0.026	0.024	0.024	0.025	0.024	0.170	944

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: 9/4/2025

Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 4.00
Achieved = 33.31

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: 8 / 2025

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 12.48%				
Minimum Validated UVT: 97%				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	911	On	19.8	23.2	Yes	1,271,000	0	
2	946	On	23.4	23.6	Yes	1,308,000	0	
3	945	On	23.4	23.6	Yes	1,319,000	0	
4	920	On	6.8	24.0	Yes	1,164,000	0	
5	928	On	6.7	23.0	Yes	1,144,000	0	
6	927	On	5.7	24.0	Yes	1,196,000	0	
7	939	On	24.3	23.6	Yes	1,311,000	0	
8	943	On	23.4	23.6	Yes	1,295,000	0	
9	929	On	23.1	23.6	Yes	1,290,000	0	
10	939	On	24.8	23.6	Yes	1,289,000	0	
11	924	On	24.3	24.4	Yes	1,027,000	0	
12	925	On	24.3	23.7	Yes	1,295,000	0	
13	915	On	25.3	24.2	Yes	1,293,000	0	
14	940	On	23.4	23.6	Yes	1,308,000	0	
15	937	On	6.8	24.1	Yes	1,167,000	0	
16	934	On	25.0	23.6	Yes	1,334,000	0	
17	940	On	25.6	23.9	Yes	1,320,000	0	
18	936	On	6.7	23.7	Yes	1,288,000	0	
19	932	On	20.4	23.1	Yes	1,298,000	0	
20	922	On	19.6	22.8	Yes	1,274,000	0	
21	925	On	5.7	23.6	Yes	1,160,000	0	
22	933	On	20.0	23.1	Yes	1,274,000	0	
23	925	On	25.1	23.8	Yes	1,281,000	0	
24	917	On	25.1	24.1	Yes	1,270,000	0	
25	926	On	5.5	22.8	Yes	1,289,000	0	
26	947	On	23.6	23.6	Yes	1,303,000	0	
27	931	On	25.2	23.8	Yes	1,299,000	0	
28	924	On	25.4	24.3	Yes	1,188,000	0	
29	934	On	5.8	23.7	Yes	1,290,000	0	
30	941	On	23.4	23.6	Yes	1,318,000	0	
31	944	On	20.4	23.0	Yes	1,313,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: <u>Dan Kunkelton</u>		Signature: <u>[Signature]</u>			Cert #: <u>6498</u>		Date: 9/4/2025	

Notes: * Thurston Well 2 Off