


# Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 2 / 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	0.027	0.027	0.024	0.023	0.030	0.031	0.056	932
2	On	0.032	0.030	0.027	0.022	0.031	0.029	0.059	929
3	On	0.029	0.029	0.027	0.030	0.029	0.027	0.051	929
4	On	0.028	0.028	0.027	0.026	0.031	0.028	0.053	928
5	On	0.027	0.027	0.025	0.022	0.027	0.027	0.049	915
6	On	0.026	0.027	0.025	0.027	0.025	0.025	0.059	901
7	On	0.025	0.026	0.025	0.022	0.027	0.026	0.067	912
8	On	0.026	0.026	0.025	0.022	0.025	0.024	0.066	915
9	On	0.024	0.024	0.023	0.021	0.026	0.026	0.065	913
10	On	0.025	0.025	0.024	0.023	0.026	0.025	0.064	911
11	On	0.025	0.025	0.024	0.023	0.022	0.023	0.035	886
12	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
13	On	0.025	0.025	0.025	0.029	0.025	0.024	0.114	947
14	On	0.024	0.024	0.023	0.027	0.026	0.027	0.092	967
15	On	0.027	0.027	0.026	0.042	0.027	0.026	0.077	969
16	On	0.026	0.026	0.024	0.023	0.026	0.026	0.078	965
17	On	0.026	0.028	0.026	0.025	0.047	0.044	0.095	971
18	On	0.045	0.043	0.036	0.052	0.042	0.040	0.125	947
19	On	0.038	0.034	0.028	0.024	0.035	0.034	0.097	938
20	On	0.034	0.034	0.029	0.036	0.033	0.032	0.083	955
21	On	0.032	0.030	0.027	0.026	0.030	0.029	0.073	944
22	On	0.029	0.029	0.028	0.027	0.028	0.028	0.064	955
23	On	0.028	0.028	0.028	0.027	0.037	0.052	0.088	954
24	On	0.088	0.131	0.180	0.153	0.144	0.159	0.243	970
25	On	0.156	0.147	0.126	0.107	0.082	0.086	0.176	967
26	On	0.083	0.080	0.069	0.057	0.048	0.051	0.109	966
27	On	0.052	0.050	0.046	0.042	0.044	0.045	0.088	967
28	On	0.077	0.044	0.045	0.045	0.041	0.042	0.079	965

<b>Natural Filtration</b>		<b>Monthly UV Summary</b>	
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Is the volume of off-spec water produced less than 5% in the month? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
		Printed Name: Dave Embleton	
		Signature: 	Date: 3/5/2025
		Phone #: (541) 726-2396	Cert #: D6098/T6098
Is there a 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			CT <sub>viral</sub> Required = 7.20 Achieved = 52.81


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: 2 / 2025

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 10.69%				
Minimum Validated UVT: 98.5%				Min. UV Dose achieved/intended this month: 22.8 / 15 mJ/cm <sup>2</sup>				
Day	Peak Hourly Demand Flow [gpm/unit]	Well #2 [On/Off]	Minimum Intensity [mW/cm <sup>2</sup> ]	Minimum Dose [mJ/cm <sup>2</sup> ]	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	932	On	7.3	23.7	Yes	697,000	0	
2	929	On	7.2	23.6	Yes	675,000	0	
3	929	On	6.9	23.7	Yes	690,000	0	
4	928	On	7.1	23.8	Yes	641,000	0	
5	915	On	7.6	24.2	Yes	721,000	0	
6	901	On	8.1	24.0	Yes	930,000	0	
7	912	On	7.6	23.7	Yes	726,000	0	
8	915	On	7.7	23.0	Yes	682,000	0	
9	913	On	7.4	23.9	Yes	748,000	0	
10	911	On	7.9	23.8	Yes	673,000	0	
11	886	On	7.5	23.7	Yes	146,000	0	
12	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
13	947	On	27.1	25.1	Yes	728,000	0	
14	967	On	6.9	25.1	Yes	923,000	0	
15	969	On	7.6	23.6	Yes	1,028,000	0	
16	965	On	7.2	23.0	Yes	911,000	0	
17	971	On	7.3	23.9	Yes	866,000	0	
18	947	On	7.6	23.1	Yes	902,000	0	
19	938	On	7.5	23.6	Yes	645,000	0	
20	955	On	7.8	24.5	Yes	877,000	0	
21	944	On	27.2	24.6	Yes	748,000	0	
22	955	On	8.1	24.8	Yes	937,000	0	
23	954	On	7.8	22.8	Yes	958,000	0	
24	970	On	26.1	25.0	Yes	870,000	0	
25	967	On	5.8	24.0	Yes	713,000	0	
26	966	On	6.5	23.6	Yes	520,000	0	
27	967	On	6.5	23.3	Yes	726,000	0	
28	965	On	6.5	23.6	Yes	855,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 3/5/2025

Notes: \* Thurston Well 2 Off