


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 1 / 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	0.057	0.056	0.055	0.053	0.047	0.049	0.083	984
2	On	0.049	0.048	0.045	0.046	0.045	0.041	0.076	986
3	On	0.043	0.042	0.036	0.032	0.047	0.051	0.082	981
4	On	0.053	0.047	0.042	0.037	0.050	0.052	0.091	986
5	On	0.054	0.053	0.050	0.046	0.053	0.054	0.096	986
6	On	0.055	0.055	0.049	0.066	0.052	0.053	0.086	989
7	On	0.054	0.053	0.050	0.049	0.047	0.049	0.085	995
8	On	0.049	0.047	0.047	0.047	0.045	0.043	0.069	962
9	On	0.044	0.044	0.044	0.043	0.041	0.042	0.066	943
10	On	0.042	0.043	0.043	0.043	0.043	0.043	0.043	939
11	On	0.043	0.043	0.042	0.042	0.042	0.043	0.067	927
12	On	0.043	0.042	0.050	0.041	0.041	0.041	0.065	928
13	On	0.042	0.042	0.041	0.040	0.040	0.041	0.150	930
14	On	0.039	0.034	0.031	0.039	0.039	0.039	0.074	913
15	On	0.039	0.037	0.034	0.037	0.037	0.037	0.068	916
16	On	0.039	0.039	0.039	0.036	0.037	0.036	0.066	916
17	On	0.036	0.038	0.047	0.061	0.036	0.036	0.065	919
18	On	0.036	0.036	0.048	0.066	0.035	0.035	0.068	915
19	On	0.035	0.036	0.052	0.072	0.034	0.034	0.077	921
20	On	0.034	0.034	0.031	0.028	0.033	0.034	0.057	916
21	On	0.033	0.033	0.027	0.022	0.033	0.033	0.054	933
22	On	0.033	0.033	0.029	0.026	0.032	0.033	0.054	928
23	On	0.032	0.032	0.031	0.029	0.032	0.032	0.059	918
24	On	0.031	0.031	0.028	0.038	0.030	0.030	0.056	924
25	On	0.031	0.031	0.028	0.029	0.030	0.029	0.057	909
26	On	0.029	0.029	0.025	0.022	0.029	0.029	0.056	910
27	On	0.030	0.029	0.026	0.028	0.029	0.028	0.053	901
28	On	0.028	0.029	0.028	0.029	0.028	0.028	0.055	915
29	On	0.028	0.029	0.029	0.027	0.028	0.028	0.057	923
30	On	0.027	0.026	0.024	0.027	0.027	0.027	0.053	926
31	On	0.026	0.025	0.022	0.020	0.026	0.027	0.054	920


Natural Filtration		Monthly UV Summary	
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: 2/6/2025
		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 _{viral} Required = 6.80 Achieved = 52.82

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: 1 / 2025

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 10.53%				
Minimum Validated UVT: 95.8%				Min. UV Dose achieved/intended this month: 22.9 / 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	984	On	8.4	24.1	Yes	1,039,000	0	
2	986	On	7.6	23.2	Yes	790,000	0	
3	981	On	8.4	24.2	Yes	706,000	0	
4	986	On	26.1	24.0	Yes	695,000	0	
5	986	On	7.9	23.6	Yes	670,000	0	
6	989	On	8.0	24.1	Yes	896,000	0	
7	995	On	8.0	24.2	Yes	994,000	0	
8	962	On	7.2	24.9	Yes	1,066,000	0	
9	943	On	7.3	23.6	Yes	951,000	0	
10	939	On	6.8	23.8	Yes	1,290,000	0	
11	927	On	20.3	22.9	Yes	1,051,000	0	
12	928	On	7.4	23.7	Yes	911,000	0	
13	930	On	7.8	23.7	Yes	690,000	0	
14	913	On	7.4	24.6	Yes	719,000	0	
15	916	On	7.8	23.0	Yes	771,000	0	
16	916	On	7.4	24.2	Yes	676,000	0	
17	919	On	7.8	22.9	Yes	714,000	0	
18	915	On	7.4	23.0	Yes	833,000	0	
19	921	On	7.4	23.6	Yes	717,000	0	
20	916	On	7.2	23.0	Yes	812,000	0	
21	933	On	7.8	23.8	Yes	758,000	0	
22	928	On	6.7	23.8	Yes	733,000	0	
23	918	On	7.7	24.4	Yes	704,000	0	
24	924	On	7.6	24.7	Yes	861,000	0	
25	909	On	8.1	24.0	Yes	768,000	0	
26	910	On	7.3	23.6	Yes	729,000	0	
27	901	On	7.2	23.2	Yes	883,000	0	
28	915	On	7.2	23.8	Yes	717,000	0	
29	923	On	7.2	23.0	Yes	509,000	0	
30	926	On	7.1	22.9	Yes	715,000	0	
31	920	On	24.6	24.1	Yes	599,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 2/6/2025

Notes: * Thurston Well 2 Off