


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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 11 / 2022

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	0.032	0.031	0.031	0.031	0.031	0.031	0.051	951
2	On	0.031	0.031	0.034	0.031	0.031	0.031	0.054	962
3	On	0.031	0.031	0.031	0.031	0.031	0.031	0.031	950
4	On	0.031	0.031	0.031	0.031	0.031	0.031	0.031	946
5	On	0.031	0.031	0.033	0.033	0.054	0.054	0.067	939
6	On	0.054	0.054	0.054	0.046	0.046	0.044	0.084	945
7	On	0.044	0.043	0.043	0.076	0.043	0.044	0.079	944
8	On	0.042	0.042	0.044	0.043	0.039	0.039	0.072	950
9	On	0.038	0.038	0.038	0.038	0.037	0.037	0.071	947
10	On	0.037	0.036	0.036	0.036	0.036	0.037	0.064	947
11	On	0.036	0.036	0.036	0.035	0.036	0.036	0.066	947
12	On	0.035	0.035	0.035	0.037	0.036	0.036	0.059	946
13	On	0.035	0.035	0.035	0.037	0.035	0.035	0.061	936
14	On	0.035	0.035	0.035	0.035	0.035	0.035	0.058	938
15	On	0.035	0.035	0.035	0.036	0.036	0.035	0.062	939
16	On	0.035	0.035	0.035	0.036	0.035	0.035	0.058	938
17	On	0.035	0.035	0.035	0.035	0.035	0.035	0.058	955
18	On	0.035	0.035	0.035	0.035	0.035	0.035	0.056	947
19	On	0.035	0.035	0.035	0.038	0.036	0.036	0.065	939
20	On	0.035	0.035	0.035	0.036	0.036	0.035	0.061	930
21	On	0.036	0.036	0.036	0.036	0.036	0.036	0.056	950
22	On	0.036	0.036	0.036	0.050	0.040	0.041	0.071	1,009
23	On	0.037	0.037	0.037	0.037	0.036	0.036	0.048	944
24	On	0.036	0.036	0.036	0.038	0.037	0.037	0.063	946
25	On	0.037	0.037	0.037	0.039	0.037	0.037	0.060	933
26	On	0.037	0.037	0.037	0.037	0.037	0.037	0.057	931
27	On	0.037	0.037	0.037	0.040	0.038	0.038	0.062	931
28	On	0.038	0.038	0.038	0.039	0.039	0.039	0.159	948
29	On	0.039	0.039	0.039	0.039	0.040	0.040	0.060	963
30	On	0.039	0.039	0.039	0.039	0.039	0.039	0.039	953

<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: 12/9/2022
		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 = 6.40 Achieved = 43.95


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: 11 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 12.35%				
Minimum Validated UVT: 97.9%			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	951	On	4.9	23.9	Yes	1,131,000	0	
2	962	On	6.2	23.6	Yes	947,000	0	
3	950	On	21.1	23.0	Yes	1,361,000	0	
4	946	On	6.3	24.4	Yes	1,328,000	0	
5	939	On	25.1	23.6	Yes	1,081,000	0	
6	945	On	6.1	23.7	Yes	910,000	0	
7	944	On	6.0	23.0	Yes	794,000	0	
8	950	On	5.9	23.6	Yes	881,000	0	
9	947	On	5.1	23.5	Yes	758,000	0	
10	947	On	5.1	24.3	Yes	1,073,000	0	
11	947	On	5.2	24.0	Yes	884,000	0	
12	946	On	5.6	24.4	Yes	1,067,000	0	
13	936	On	5.3	24.2	Yes	1,046,000	0	
14	938	On	5.5	24.2	Yes	1,025,000	0	
15	939	On	5.4	24.2	Yes	769,000	0	
16	938	On	6.1	23.5	Yes	746,000	0	
17	955	On	27.5	24.6	Yes	1,033,000	0	
18	947	On	6.4	23.6	Yes	1,035,000	0	
19	939	On	20.3	22.8	Yes	716,000	0	
20	930	On	6.2	23.6	Yes	877,000	0	
21	950	On	6.2	22.9	Yes	1,063,000	0	
22	1,009	On	5.5	22.8	Yes	1,010,000	0	
23	944	On	5.5	23.6	Yes	733,000	0	
24	946	On	5.5	23.6	Yes	669,000	0	
25	933	On	5.9	23.0	Yes	558,000	0	
26	931	On	5.6	24.2	Yes	569,000	0	
27	931	On	5.9	23.6	Yes	681,000	0	
28	948	On	27.1	24.8	Yes	591,000	0	
29	963	On	5.5	23.1	Yes	783,000	0	
30	953	On	25.7	23.6	Yes	1,349,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 12/9/2022

Notes: \* Thurston Well 2 Off