


## 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 / 2023

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	0.038	0.038	0.038	0.037	0.038	0.038	0.038	933
2	On	0.038	0.038	0.038	0.040	0.040	0.042	0.078	931
3	On	0.040	0.040	0.039	0.039	0.039	0.042	0.076	945
4	On	0.040	0.040	0.040	0.040	0.040	0.040	0.041	949
5	On	0.040	0.040	0.040	0.040	0.040	0.040	0.041	943
6	On	0.040	0.040	0.042	0.042	0.042	0.042	0.099	945
7	On	0.042	0.042	0.042	0.042	0.042	0.042	0.042	936
8	On	0.042	0.042	0.044	0.043	0.043	0.043	0.097	944
9	On	0.043	0.043	0.044	0.044	0.044	0.044	0.086	929
10	On	0.044	0.044	0.045	0.044	0.044	0.044	0.086	939
11	On	0.044	0.044	0.044	0.044	0.044	0.044	0.044	937
12	On	0.044	0.044	0.046	0.045	0.045	0.045	0.082	911
13	On	0.045	0.045	0.047	0.046	0.046	0.046	0.081	917
14	On	0.047	0.047	0.046	0.046	0.046	0.047	0.047	889
15	On	0.047	0.047	0.049	0.049	0.049	0.049	0.161	921
16	On	0.049	0.049	0.048	0.051	0.050	0.050	0.099	915
17	On	0.050	0.050	0.051	0.050	0.050	0.050	0.157	944
18	On	0.050	0.050	0.049	0.049	0.050	0.050	0.050	946
19	On	0.050	0.050	0.053	0.051	0.051	0.051	0.101	944
20	On	0.051	0.051	0.051	0.051	0.051	0.051	0.051	946
21	On	0.051	0.051	0.053	0.053	0.053	0.053	0.089	945
22	On	0.053	0.053	0.053	0.053	0.053	0.053	0.053	945
23	On	0.053	0.053	0.053	0.054	0.054	0.054	0.088	913
24	On	0.054	0.054	0.054	0.055	0.055	0.055	0.085	918
25	On	0.055	0.056	0.055	0.055	0.055	0.057	0.060	936
26	On	0.056	0.056	0.057	0.056	0.056	0.057	0.110	915
27	On	0.057	0.057	0.057	0.057	0.057	0.057	0.096	931
28	On	0.057	0.057	0.057	0.058	0.058	0.058	0.096	934
29	On	0.089	0.059	0.058	0.058	0.059	0.059	0.091	936
30	On	0.059	0.059	0.059	0.059	0.059	0.060	0.092	923
31	On	0.060	0.059	0.060	0.060	0.061	0.061	0.096	922

Natural Filtration		Monthly UV Summary	
95% of turbidity readings $\leq$ 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: 9/8/2023
		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 = 4.00 Achieved = 34.68	


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 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 11.39%				
Minimum Validated UVT: 99.3%			Min. UV Dose achieved/intended this month: 22.6 / 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	933	On	24.8	23.6	Yes	1,279,000	0	
2	931	On	6.4	23.6	Yes	1,177,000	0	
3	945	On	6.8	23.6	Yes	1,177,000	0	
4	949	On	23.7	23.7	Yes	1,297,000	0	
5	943	On	6.8	23.6	Yes	1,284,000	0	
6	945	On	25.1	23.6	Yes	1,016,000	0	
7	936	On	19.1	23.0	Yes	1,289,000	0	
8	944	On	6.8	23.5	Yes	1,082,000	0	
9	929	On	6.7	23.9	Yes	1,099,000	0	
10	939	On	6.5	23.6	Yes	1,065,000	0	
11	937	On	21.0	22.7	Yes	1,285,000	0	
12	911	On	6.4	23.6	Yes	1,130,000	0	
13	917	On	6.3	23.6	Yes	1,071,000	0	
14	889	On	23.6	23.6	Yes	1,238,000	0	
15	921	On	6.3	23.6	Yes	1,042,000	0	
16	915	On	19.2	22.6	Yes	1,268,000	0	
17	944	On	6.7	23.6	Yes	1,134,000	0	
18	946	On	25.8	23.7	Yes	1,304,000	0	
19	944	On	6.6	23.0	Yes	1,042,000	0	
20	946	On	23.2	23.6	Yes	1,314,000	0	
21	945	On	6.6	23.6	Yes	1,181,000	0	
22	945	On	23.5	23.7	Yes	1,309,000	0	
23	913	On	6.4	23.7	Yes	1,272,000	0	
24	918	On	21.0	22.8	Yes	1,286,000	0	
25	936	On	6.2	23.0	Yes	1,267,000	0	
26	915	On	25.1	23.7	Yes	1,006,000	0	
27	931	On	6.3	23.6	Yes	1,080,000	0	
28	934	On	6.4	23.0	Yes	983,000	0	
29	936	On	21.0	23.0	Yes	1,290,000	0	
30	923	On	6.5	23.8	Yes	1,106,000	0	
31	922	On	6.6	23.6	Yes	725,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 9/8/2023

Notes: \* Thurston Well 2 Off