


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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 9 / 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	0.052	0.052	0.053	0.052	0.053	0.053	0.089	957
2	On	0.053	0.053	0.053	0.052	0.053	0.053	0.053	948
3	On	0.053	0.053	0.053	0.052	0.053	0.053	0.102	947
4	On	0.058	0.058	0.057	0.057	0.057	0.062	0.094	941
5	On	0.059	0.059	0.059	0.059	0.059	0.059	0.059	933
6	On	0.059	0.059	0.059	0.059	0.059	0.059	0.091	925
7	On	0.059	0.036	0.036	0.036	0.038	0.037	0.084	938
8	On	0.036	0.036	0.036	0.036	0.036	0.036	0.064	940
9	On	0.036	0.036	0.036	0.036	0.036	0.036	0.070	932
10	On	0.036	0.036	0.036	0.036	0.036	0.036	0.075	936
11	On	0.037	0.037	0.036	0.036	0.036	0.038	0.061	937
12	On	0.037	0.037	0.036	0.036	0.036	0.046	0.068	923
13	On	0.037	0.037	0.037	0.053	0.038	0.037	0.054	934
14	On	0.037	0.037	0.038	0.037	0.037	0.037	0.067	927
15	On	0.037	0.037	0.038	0.038	0.038	0.037	0.077	899
16	On	0.037	0.037	0.039	0.038	0.038	0.038	0.070	932
17	On	0.039	0.038	0.039	0.039	0.038	0.038	0.059	931
18	On	0.039	0.039	0.039	0.039	0.039	0.039	0.065	929
19	On	0.039	0.039	0.039	0.039	0.039	0.039	0.067	939
20	On	0.039	0.039	0.040	0.039	0.039	0.039	0.064	936
21	On	0.039	0.039	0.040	0.039	0.039	0.039	0.065	948
22	On	0.039	0.039	0.074	0.040	0.040	0.040	0.074	944
23	On	0.040	0.040	0.040	0.040	0.040	0.040	0.077	949
24	On	0.040	0.040	0.040	0.041	0.041	0.041	0.078	946
25	On	0.041	0.041	0.044	0.041	0.041	0.042	0.074	951
26	On	0.042	0.042	0.042	0.041	0.043	0.043	0.075	952
27	On	0.043	0.043	0.042	0.043	0.043	0.043	0.058	957
28	On	0.043	0.043	0.043	0.043	0.050	0.049	0.076	931
29	On	0.049	0.049	0.049	0.044	0.044	0.044	0.084	944
30	On	0.044	0.044	0.044	0.044	0.044	0.044	0.078	932


<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: 10/3/2022
		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 = 5.20 Achieved = 35.92

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: 9 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 11.93%				
Minimum Validated UVT: 98.2%				Min. UV Dose achieved/intended this month: 22.7 / 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	957	On	5.8	23.6	Yes	1,071,000	0	
2	948	On	20.3	22.7	Yes	1,319,000	0	
3	947	On	6.0	23.7	Yes	1,128,000	0	
4	941	On	5.9	23.6	Yes	1,137,000	0	
5	933	On	26.1	24.1	Yes	1,316,000	0	
6	925	On	6.0	24.2	Yes	1,290,000	0	
7	938	On	5.8	23.6	Yes	858,000	0	
8	940	On	5.7	23.6	Yes	1,236,000	0	
9	932	On	5.8	23.6	Yes	809,000	0	
10	936	On	5.8	23.5	Yes	723,000	0	
11	937	On	5.8	23.6	Yes	963,000	0	
12	923	On	5.8	23.7	Yes	983,000	0	
13	934	On	5.8	23.6	Yes	1,128,000	0	
14	927	On	5.7	23.6	Yes	553,000	0	
15	899	On	6.1	23.6	Yes	906,000	0	
16	932	On	5.7	24.7	Yes	566,000	0	
17	931	On	5.7	24.4	Yes	757,000	0	
18	929	On	5.6	23.0	Yes	887,000	0	
19	939	On	5.5	24.2	Yes	1,111,000	0	
20	936	On	5.5	24.0	Yes	851,000	0	
21	948	On	6.2	25.1	Yes	543,000	0	
22	944	On	6.2	23.7	Yes	324,000	0	
23	949	On	6.2	23.7	Yes	593,000	0	
24	946	On	6.5	24.4	Yes	457,000	0	
25	951	On	25.5	23.5	Yes	950,000	0	
26	952	On	6.2	23.7	Yes	617,000	0	
27	957	On	5.8	23.6	Yes	679,000	0	
28	931	On	5.5	23.6	Yes	569,000	0	
29	944	On	5.6	24.4	Yes	682,000	0	
30	932	On	5.5	23.6	Yes	495,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 10/3/2022

Notes: \* Thurston Well 2 Off