


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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 12 / 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	0.039	0.039	0.039	0.046	0.046	0.046	0.067	951
2	On	0.045	0.045	0.044	0.044	0.044	0.043	0.063	959
3	On	0.043	0.043	0.044	0.044	0.044	0.044	0.068	950
4	On	0.043	0.043	0.043	0.049	0.043	0.043	0.068	957
5	On	0.043	0.043	0.063	0.043	0.043	0.043	0.063	944
6	On	0.043	0.043	0.053	0.043	0.043	0.043	0.067	947
7	On	0.043	0.043	0.043	0.043	0.043	0.043	0.044	944
8	On	0.043	0.044	0.044	0.044	0.044	0.045	0.069	946
9	On	0.045	0.045	0.046	0.046	0.045	0.044	0.061	945
10	On	0.046	0.046	0.047	0.046	0.046	0.046	0.058	950
11	On	0.046	0.046	0.046	0.046	0.049	0.048	0.071	952
12	On	0.048	0.048	0.049	0.048	0.048	0.048	0.064	923
13	On	0.048	0.047	0.046	0.049	0.049	0.049	0.081	946
14	On	0.048	0.048	0.047	0.046	0.049	0.048	0.071	951
15	On	0.048	0.048	0.048	0.047	0.047	0.049	0.072	961
16	On	0.049	0.049	0.048	0.048	0.049	0.049	0.061	963
17	On	0.049	0.049	0.049	0.049	0.050	0.049	0.064	955
18	On	0.049	0.049	0.049	0.049	0.050	0.050	0.064	955
19	On	0.050	0.050	0.050	0.050	0.050	0.050	0.064	962
20	On	0.050	0.050	0.051	0.051	0.051	0.051	0.061	948
21	On	0.051	0.051	0.051	0.051	0.051	0.051	0.054	938
22	On	0.051	0.051	0.051	0.052	0.052	0.052	0.062	931
23	On	0.052	0.052	0.051	0.052	0.052	0.052	0.060	950
24	On	0.052	0.053	0.052	0.053	0.053	0.053	0.059	936
25	On	0.053	0.053	0.052	0.058	0.058	0.059	0.065	926
26	On	0.058	0.057	0.055	0.054	0.059	0.058	0.069	945
27	On	0.058	0.058	0.058	0.059	0.059	0.059	0.064	965
28	On	0.063	0.065	0.068	0.071	0.072	0.072	0.072	962
29	On	0.072	0.072	0.072	0.074	0.077	0.076	0.089	962
30	On	0.075	0.073	0.071	0.070	0.071	0.071	0.080	969
31	On	0.071	0.071	0.071	0.074	0.074	0.074	0.082	959


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: 1/6/2023
	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 = 6.80 Achieved = 33.37

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: 12 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 12.12%				
Minimum Validated UVT: 98%			Min. UV Dose achieved/intended this month: 23.0 / 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	6.1	23.6	Yes	784,000	0	
2	959	On	7.7	24.4	Yes	1,356,000	0	
3	950	On	6.3	24.6	Yes	671,000	0	
4	957	On	6.4	24.9	Yes	681,000	0	
5	944	On	6.1	23.6	Yes	745,000	0	
6	947	On	6.3	23.9	Yes	865,000	0	
7	944	On	5.6	23.6	Yes	1,023,000	0	
8	946	On	5.5	23.2	Yes	532,000	0	
9	945	On	5.7	24.2	Yes	654,000	0	
10	950	On	5.5	24.1	Yes	936,000	0	
11	952	On	5.8	24.2	Yes	551,000	0	
12	923	On	5.4	23.4	Yes	390,000	0	
13	946	On	5.4	23.6	Yes	384,000	0	
14	951	On	6.4	23.6	Yes	527,000	0	
15	961	On	21.7	23.0	Yes	345,000	0	
16	963	On	6.2	24.0	Yes	940,000	0	
17	955	On	6.5	23.7	Yes	807,000	0	
18	955	On	6.2	24.9	Yes	656,000	0	
19	962	On	6.2	24.9	Yes	597,000	0	
20	948	On	5.7	23.6	Yes	540,000	0	
21	938	On	5.4	23.9	Yes	550,000	0	
22	931	On	5.5	24.2	Yes	639,000	0	
23	950	On	5.8	24.0	Yes	708,000	0	
24	936	On	5.5	23.7	Yes	594,000	0	
25	926	On	5.4	24.2	Yes	546,000	0	
26	945	On	25.6	23.7	Yes	640,000	0	
27	965	On	5.4	24.2	Yes	694,000	0	
28	962	On	6.2	23.7	Yes	982,000	0	
29	962	On	6.1	23.6	Yes	539,000	0	
30	969	On	28.1	25.0	Yes	643,000	0	
31	959	On	6.2	24.1	Yes	642,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
<b>Print Name:</b> Dave Embleton			<b>Signature:</b> 			<b>Cert #:</b> D6098/T6098		<b>Date:</b> 1/6/2023

Notes: \* Thurston Well 2 Off