


# 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 / 2021

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	0.070	0.070	0.069	0.070	0.070	0.071	0.095	979
2	On	0.070	0.070	0.070	0.070	0.074	0.071	0.129	982
3	On	0.071	0.071	0.071	0.071	0.071	0.071	0.076	977
4	On	0.071	0.072	0.072	0.072	0.072	0.072	0.085	985
5	On	0.072	0.072	0.072	0.072	0.072	0.072	0.097	981
6	On	0.072	0.134	0.076	0.076	0.076	0.053	0.149	985
7	On	0.047	0.046	0.046	0.044	0.045	0.044	0.099	981
8	On	0.043	0.044	0.043	0.042	0.042	0.042	0.077	970
9	On	0.042	0.041	0.041	0.042	0.041	0.041	0.076	973
10	On	0.041	0.041	0.041	0.041	0.041	0.058	0.084	978
11	On	0.041	0.041	0.040	0.040	0.040	0.040	0.047	973
12	On	0.041	0.040	0.040	0.040	0.040	0.040	0.046	973
13	On	0.040	0.040	0.040	0.040	0.040	0.040	0.040	966
14	On	0.040	0.047	0.041	0.042	0.041	0.041	0.093	976
15	On	0.041	0.041	0.041	0.041	0.041	0.041	0.073	975
16	On	0.042	0.042	0.043	0.041	0.042	0.041	0.079	991
17	On	0.042	0.042	0.043	0.042	0.042	0.042	0.070	981
18	On	0.043	0.043	0.043	0.043	0.043	0.043	0.075	989
19	On	0.043	0.043	0.043	0.049	0.045	0.045	0.082	990
20	On	0.045	0.045	0.046	0.046	0.046	0.046	0.072	994
21	On	0.046	0.046	0.045	0.047	0.047	0.047	0.064	990
22	On	0.046	0.046	0.046	0.046	0.046	0.047	0.074	992
23	On	0.047	0.047	0.047	0.047	0.047	0.047	0.156	980
24	On	0.047	0.047	0.048	0.072	0.049	0.054	0.192	986
25	On	0.049	0.049	0.056	0.049	0.049	0.049	0.065	988
26	On	0.049	0.049	0.049	0.049	0.049	0.049	0.050	898
27	On	0.049	0.049	0.049	0.052	0.051	0.051	0.066	891
28	On	0.051	0.051	0.053	0.053	0.053	0.053	0.127	902
29	On	0.053	0.053	0.053	0.054	0.054	0.054	0.104	891
30	On	0.054	0.054	0.054	0.055	0.055	0.055	0.131	894


<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	
		<b>Printed Name:</b> Dave Embleton	
		<b>Signature:</b> 	<b>Date:</b> 10/7/2021
		<b>Phone #:</b> (541) 726-2396	<b>Cert #:</b> 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 = 34.16	

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 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.64%				
Minimum Validated UVT: 98.4%			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	979	On	27.9	23.6	Yes	1,377,000	0	
2	982	On	28.1	23.7	Yes	1,380,000	0	
3	977	On	28.0	23.6	Yes	1,362,000	0	
4	985	On	27.8	23.6	Yes	1,361,000	0	
5	981	On	27.8	23.6	Yes	1,363,000	0	
6	985	On	6.2	23.6	Yes	1,221,000	0	
7	981	On	5.6	23.6	Yes	1,118,000	0	
8	970	On	5.7	23.6	Yes	1,103,000	0	
9	973	On	5.7	23.0	Yes	1,199,000	0	
10	978	On	5.7	23.6	Yes	974,000	0	
11	973	On	25.1	23.7	Yes	1,359,000	0	
12	973	On	26.4	24.2	Yes	1,368,000	0	
13	966	On	27.0	24.3	Yes	1,354,000	0	
14	976	On	5.6	23.2	Yes	1,160,000	0	
15	975	On	6.2	23.0	Yes	1,161,000	0	
16	991	On	6.3	22.8	Yes	1,000,000	0	
17	981	On	6.1	23.6	Yes	978,000	0	
18	989	On	6.0	24.4	Yes	960,000	0	
19	990	On	6.1	23.7	Yes	674,000	0	
20	994	On	5.6	23.9	Yes	964,000	0	
21	990	On	5.4	24.5	Yes	791,000	0	
22	992	On	6.3	24.4	Yes	1,198,000	0	
23	980	On	30.6	24.6	Yes	1,398,000	0	
24	986	On	6.0	23.7	Yes	960,000	0	
25	988	On	6.1	23.1	Yes	1,139,000	0	
26	898	On	22.0	22.9	Yes	1,276,000	0	
27	891	On	6.1	24.2	Yes	796,000	0	
28	902	On	5.7	23.8	Yes	572,000	0	
29	891	On	5.7	22.9	Yes	697,000	0	
30	894	On	5.8	23.7	Yes	787,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 10/7/2021

Notes: \* Thurston Well 2 Off