


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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 1 / 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	0.074	0.072	0.070	0.068	0.071	0.071	0.085	945
2	On	0.071	0.071	0.069	0.068	0.070	0.070	0.080	968
3	On	0.070	0.070	0.070	0.040	0.039	0.039	0.074	963
4	On	0.039	0.038	0.038	0.037	0.037	0.037	0.047	940
5	On	0.037	0.036	0.039	0.036	0.037	0.037	0.046	939
6	On	0.035	0.036	0.036	0.036	0.036	0.036	0.042	951
7	On	0.036	0.035	0.036	0.036	0.036	0.036	0.040	949
8	On	0.035	0.035	0.034	0.035	0.035	0.035	0.044	941
9	On	0.033	0.031	0.030	0.029	0.034	0.034	0.049	934
10	On	0.034	0.034	0.032	0.034	0.034	0.034	0.044	964
11	On	0.034	0.033	0.033	0.033	0.032	0.033	0.042	959
12	On	0.033	0.032	0.033	0.033	0.033	0.033	0.038	951
13	On	0.033	0.032	0.038	0.032	0.032	0.032	0.038	945
14	On	0.032	0.032	0.031	0.032	0.032	0.032	0.044	946
15	On	0.032	0.032	0.032	0.032	0.032	0.032	0.043	941
16	On	0.032	0.030	0.028	0.032	0.032	0.032	0.044	955
17	On	0.032	0.031	0.038	0.032	0.032	0.032	0.042	939
18	On	0.032	0.032	0.032	0.032	0.031	0.032	0.032	935
19	On	0.030	0.028	0.026	0.025	0.032	0.032	0.051	940
20	On	0.032	0.032	0.032	0.031	0.032	0.031	0.032	915
21	On	0.031	0.031	0.029	0.027	0.039	0.032	0.051	943
22	On	0.031	0.030	0.029	0.031	0.031	0.031	0.041	935
23	On	0.031	0.031	0.029	0.031	0.031	0.031	0.043	930
24	On	0.030	0.029	0.043	0.031	0.031	0.030	0.046	941
25	On	0.029	0.027	0.026	0.031	0.030	0.030	0.042	954
26	On	0.030	0.028	0.027	0.031	0.030	0.030	0.043	940
27	On	0.030	0.030	0.028	0.027	0.030	0.030	0.043	963
28	On	0.030	0.029	0.029	0.029	0.029	0.028	0.039	940
29	On	0.031	0.030	0.029	0.030	0.029	0.029	0.034	941
30	On	0.029	0.029	0.029	0.029	0.029	0.029	0.037	944
31	On	0.030	0.029	0.029	0.027	0.030	0.029	0.037	948
<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: 2/8/2023
					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 = 6.80 Achieved = 41.10	


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: 1 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 12.15%				
Minimum Validated UVT: 97.2%				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	945	On	6.1	24.3	Yes	535,000	0	
2	968	On	26.9	24.3	Yes	584,000	0	
3	963	On	5.3	23.7	Yes	795,000	0	
4	940	On	5.3	24.0	Yes	612,000	0	
5	939	On	5.3	23.6	Yes	609,000	0	
6	951	On	5.3	23.0	Yes	923,000	0	
7	949	On	5.2	24.0	Yes	1,082,000	0	
8	941	On	5.4	23.9	Yes	662,000	0	
9	934	On	5.4	23.9	Yes	475,000	0	
10	964	On	27.7	24.9	Yes	829,000	0	
11	959	On	6.2	25.2	Yes	951,000	0	
12	951	On	6.2	24.4	Yes	836,000	0	
13	945	On	6.2	24.5	Yes	598,000	0	
14	946	On	6.3	24.4	Yes	688,000	0	
15	941	On	6.3	23.6	Yes	672,000	0	
16	955	On	6.5	22.9	Yes	699,000	0	
17	939	On	5.4	23.8	Yes	800,000	0	
18	935	On	5.6	23.5	Yes	1,029,000	0	
19	940	On	26.4	24.6	Yes	566,000	0	
20	915	On	11.0	23.6	Yes	1,278,000	0	
21	943	On	5.6	24.0	Yes	498,000	0	
22	935	On	5.6	24.0	Yes	930,000	0	
23	930	On	5.9	23.8	Yes	436,000	0	
24	941	On	5.5	24.0	Yes	583,000	0	
25	954	On	6.3	23.5	Yes	785,000	0	
26	940	On	24.8	23.8	Yes	746,000	0	
27	963	On	6.3	23.7	Yes	537,000	0	
28	940	On	6.5	23.7	Yes	778,000	0	
29	941	On	6.0	22.8	Yes	1,105,000	0	
30	944	On	6.5	23.7	Yes	881,000	0	
31	948	On	6.3	24.2	Yes	724,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 2/8/2023

Notes: \* Thurston Well 2 Off