


# 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 / 2024

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	0.061	0.061	0.061	0.061	0.061	0.061	0.061	926
2	On	0.061	0.061	0.061	0.061	0.061	0.061	0.061	951
3	On	0.061	0.061	0.061	0.061	0.061	0.061	0.061	950
4	On	0.061	0.061	0.061	0.061	0.061	0.061	0.061	946
5	On	0.061	0.061	0.061	0.074	0.074	0.074	0.181	937
6	On	0.074	0.074	0.074	0.074	0.074	0.074	0.075	968
7	On	0.074	0.074	0.074	0.078	0.077	0.077	0.167	965
8	On	0.077	0.077	0.077	0.076	0.076	0.077	0.077	941
9	On	0.077	0.077	0.077	0.076	0.076	0.077	0.077	965
10	On	0.077	0.077	0.076	0.076	0.077	0.077	0.077	954
11	On	0.077	0.077	0.077	0.076	0.076	0.077	0.077	954
12	On	0.077	0.077	0.076	0.076	0.076	0.082	0.082	942
13	On	0.082	0.082	0.082	0.082	0.082	0.082	0.082	962
14	On	0.082	0.082	0.082	0.094	0.094	0.094	0.233	952
15	On	0.094	0.094	0.094	0.094	0.094	0.094	0.094	936
16	On	0.094	0.094	0.094	0.094	0.094	0.094	0.094	953
17	On	0.094	0.094	0.094	0.094	0.094	0.094	0.094	956
18	On	0.094	0.094	0.099	0.097	0.097	0.097	0.279	947
19	On	0.098	0.098	0.095	0.092	0.087	0.082	0.098	952
20	On	0.080	0.079	0.077	0.076	0.075	0.074	0.081	950
21	On	0.074	0.073	0.071	0.071	0.071	0.071	0.154	962
22	On	0.071	0.071	0.069	0.069	0.069	0.070	0.155	961
23	On	0.069	0.067	0.066	0.066	0.066	0.066	0.069	965
24	On	0.066	0.066	0.069	0.068	0.067	0.067	0.189	952
25	On	0.068	0.068	0.069	0.069	0.069	0.069	0.177	968
26	On	0.069	0.069	0.069	0.069	0.069	0.069	0.069	970
27	On	0.069	0.069	0.069	0.069	0.069	0.069	0.069	940
28	On	0.069	0.069	0.069	0.072	0.074	0.073	0.151	943
29	On	0.074	0.074	0.074	0.074	0.073	0.074	0.074	946
30	On	0.074	0.074	0.074	0.074	0.080	0.079	0.204	953
31	On	0.079	0.079	0.079	0.079	0.079	0.079	0.079	951

<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: 9/5/2024
		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 = 38.32	


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 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.83%				
Minimum Validated UVT: 98.1%				Min. UV Dose achieved/intended this month: 22.9 / 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	926	On	25.9	24.4	Yes	1,284,000	0	
2	951	On	24.2	23.7	Yes	1,299,000	0	
3	950	On	25.8	23.6	Yes	1,317,000	0	
4	946	On	24.0	23.6	Yes	1,305,000	0	
5	937	On	5.9	23.7	Yes	1,303,000	0	
6	968	On	24.3	23.6	Yes	1,339,000	0	
7	965	On	6.0	23.9	Yes	1,309,000	0	
8	941	On	23.8	24.0	Yes	1,318,000	0	
9	965	On	23.8	23.6	Yes	1,322,000	0	
10	954	On	25.4	23.7	Yes	1,330,000	0	
11	954	On	20.3	22.9	Yes	1,327,000	0	
12	942	On	25.9	24.0	Yes	1,326,000	0	
13	962	On	25.8	23.9	Yes	1,350,000	0	
14	952	On	6.3	23.6	Yes	1,320,000	0	
15	936	On	19.3	23.0	Yes	1,312,000	0	
16	953	On	23.6	23.4	Yes	1,319,000	0	
17	956	On	5.8	23.0	Yes	881,000	0	
18	947	On	6.1	23.6	Yes	789,000	0	
19	952	On	24.4	23.6	Yes	1,337,000	0	
20	950	On	23.8	23.6	Yes	1,329,000	0	
21	962	On	6.1	22.9	Yes	1,334,000	0	
22	961	On	6.5	23.0	Yes	1,167,000	0	
23	965	On	6.7	23.6	Yes	953,000	0	
24	952	On	6.7	23.7	Yes	581,000	0	
25	968	On	26.1	23.7	Yes	1,125,000	0	
26	970	On	26.6	24.2	Yes	1,344,000	0	
27	940	On	26.6	24.5	Yes	1,344,000	0	
28	943	On	6.3	23.8	Yes	1,124,000	0	
29	946	On	24.9	23.6	Yes	1,290,000	0	
30	953	On	6.2	24.0	Yes	1,206,000	0	
31	951	On	25.4	23.8	Yes	1,313,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 9/5/2024

Notes: \* Thurston Well 2 Off