


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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 10 / 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	0.055	0.055	0.070	0.056	0.056	0.057	0.087	930
2	On	0.057	0.057	0.057	0.057	0.058	0.058	0.090	935
3	On	0.058	0.058	0.058	0.058	0.058	0.058	0.058	933
4	On	0.058	0.058	0.058	0.028	0.027	0.027	0.085	946
5	On	0.027	0.027	0.027	0.027	0.027	0.027	0.027	943
6	On	0.027	0.027	0.027	0.028	0.027	0.027	0.071	935
7	On	0.027	0.027	0.027	0.067	0.027	0.027	0.067	950
8	On	0.027	0.027	0.027	0.026	0.026	0.026	0.027	943
9	On	0.026	0.027	0.027	0.027	0.027	0.027	0.071	948
10	On	0.027	0.027	0.027	0.027	0.028	0.027	0.056	950
11	On	0.027	0.026	0.026	0.027	0.026	0.026	0.046	945
12	On	0.026	0.029	0.027	0.027	0.026	0.026	0.060	938
13	On	0.026	0.026	0.027	0.026	0.026	0.026	0.063	939
14	On	0.026	0.026	0.026	0.027	0.026	0.026	0.066	941
15	On	0.026	0.026	0.028	0.026	0.026	0.026	0.052	934
16	On	0.026	0.026	0.026	0.026	0.027	0.026	0.064	937
17	On	0.026	0.026	0.026	0.026	0.026	0.027	0.060	942
18	On	0.026	0.026	0.026	0.026	0.026	0.026	0.043	947
19	On	0.026	0.026	0.026	0.026	0.026	0.026	0.026	947
20	On	0.026	0.026	0.026	0.026	0.026	0.026	0.026	943
21	On	0.026	0.026	0.026	0.026	0.026	0.026	0.026	947
22	On	0.026	0.026	0.026	0.027	0.027	0.028	0.072	941
23	On	0.027	0.027	0.027	0.027	0.027	0.027	0.059	930
24	On	0.026	0.026	0.026	0.026	0.027	0.027	0.061	932
25	On	0.026	0.026	0.026	0.027	0.027	0.027	0.057	939
26	On	0.027	0.027	0.027	0.027	0.027	0.027	0.064	932
27	On	0.027	0.027	0.027	0.027	0.027	0.027	0.063	942
28	On	0.026	0.026	0.026	0.026	0.026	0.027	0.073	940
29	On	0.027	0.027	0.027	0.027	0.027	0.027	0.061	936
30	On	0.026	0.027	0.026	0.028	0.027	0.027	0.059	932
31	On	0.027	0.027	0.027	0.027	0.027	0.027	0.067	939


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: 11/4/2021
	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 = 35.71

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: 10 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.87%				
Minimum Validated UVT: 98.9%			Min. UV Dose achieved/intended this month: 16.8 / 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	930	On	5.6	23.7	Yes	891,000	0	
2	935	On	5.6	24.5	Yes	736,000	0	
3	933	On	26.2	24.5	Yes	1,334,000	0	
4	946	On	5.5	23.1	Yes	1,336,000	0	
5	943	On	28.2	24.0	Yes	1,353,000	0	
6	935	On	6.5	23.7	Yes	948,000	0	
7	950	On	6.2	23.7	Yes	827,000	0	
8	943	On	6.2	23.6	Yes	780,000	0	
9	948	On	5.8	23.6	Yes	974,000	0	
10	950	On	6.2	23.7	Yes	1,049,000	0	
11	945	On	5.5	23.6	Yes	806,000	0	
12	938	On	5.7	23.7	Yes	822,000	0	
13	939	On	5.6	23.6	Yes	604,000	0	
14	941	On	19.7	22.9	Yes	813,000	0	
15	934	On	5.7	23.6	Yes	996,000	0	
16	937	On	5.7	16.8	Yes	617,000	0	
17	942	On	5.7	23.9	Yes	542,000	0	
18	947	On	5.7	23.0	Yes	1,344,000	0	
19	947	On	29.4	24.2	Yes	1,359,000	0	
20	943	On	29.3	24.1	Yes	1,342,000	0	
21	947	On	22.5	22.5	Yes	1,354,000	0	
22	941	On	6.2	23.7	Yes	965,000	0	
23	930	On	5.7	23.7	Yes	956,000	0	
24	932	On	5.6	23.2	Yes	1,012,000	0	
25	939	On	5.4	23.6	Yes	1,109,000	0	
26	932	On	26.0	24.3	Yes	756,000	0	
27	942	On	5.5	24.1	Yes	865,000	0	
28	940	On	5.6	23.9	Yes	528,000	0	
29	936	On	5.5	23.8	Yes	1,024,000	0	
30	932	On	5.7	23.7	Yes	996,000	0	
31	939	On	5.7	23.8	Yes	800,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 11/4/2021	

Notes: \* Thurston Well 2 Off