


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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 7 / 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	0.037	0.037	0.037	0.038	0.043	0.042	0.098	953
2	On	0.042	0.041	0.041	0.043	0.043	0.042	0.133	932
3	On	0.042	0.041	0.041	0.046	0.044	0.054	0.131	946
4	On	0.054	0.053	0.052	0.057	0.049	0.048	0.119	942
5	On	0.046	0.046	0.045	0.044	0.044	0.045	0.120	947
6	On	0.046	0.046	0.046	0.044	0.044	0.044	0.046	960
7	On	0.044	0.044	0.046	0.045	0.045	0.045	0.121	943
8	On	0.045	0.044	0.044	0.046	0.046	0.046	0.097	971
9	On	0.045	0.045	0.044	0.044	0.044	0.044	0.045	961
10	On	0.045	0.045	0.046	0.045	0.045	0.045	0.154	946
11	On	0.045	0.045	0.045	0.044	0.044	0.045	0.148	961
12	On	0.046	0.046	0.045	0.045	0.045	0.045	0.046	941
13	On	0.046	0.046	0.048	0.046	0.046	0.047	0.145	957
14	On	0.047	0.047	0.046	0.046	0.046	0.047	0.047	955
15	On	0.047	0.047	0.046	0.051	0.051	0.051	0.132	940
16	On	0.051	0.051	0.051	0.051	0.051	0.051	0.051	962
17	On	0.051	0.051	0.054	0.054	0.054	0.054	0.180	941
18	On	0.054	0.054	0.054	0.054	0.054	0.054	0.054	962
19	On	0.054	0.054	0.064	0.060	0.060	0.060	0.071	957
20	On	0.060	0.060	0.060	0.060	0.060	0.060	0.061	933
21	On	0.060	0.060	0.060	0.060	0.060	0.060	0.061	959
22	On	0.060	0.060	0.060	0.073	0.073	0.073	0.177	972
23	On	0.073	0.073	0.073	0.076	0.076	0.076	0.126	971
24	On	0.076	0.075	0.075	0.075	0.075	0.075	0.076	941
25	On	0.075	0.075	0.075	0.075	0.075	0.075	0.227	970
26	On	0.082	0.081	0.080	0.080	0.080	0.080	0.082	966
27	On	0.080	0.080	0.079	0.078	0.074	0.073	0.080	963
28	On	0.071	0.069	0.067	0.067	0.066	0.064	0.083	947
29	On	0.064	0.064	0.064	0.065	0.064	0.064	0.157	954
30	On	0.064	0.063	0.063	0.063	0.063	0.063	0.064	953
31	On	0.063	0.063	0.061	0.061	0.061	0.061	0.063	950
<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: 8/7/2024	
					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 = 4.80 Achieved = 38.64	

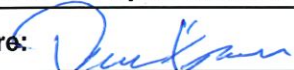
Notes: \* Thurston Well 2 Off



# 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: 7 / 2024

Mininum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 14.30%				
Minimum Validated UVT: 99.1%			Min. UV Dose achieved/intended this month: 22.7 / 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	953	On	6.1	23.6	Yes	296,000	0	
2	932	On	6.1	23.1	Yes	447,000	0	
3	946	On	23.4	23.6	Yes	870,000	0	
4	942	On	6.1	23.6	Yes	858,000	0	
5	947	On	6.1	23.4	Yes	1,111,000	0	
6	960	On	23.5	23.6	Yes	1,291,000	0	
7	943	On	6.1	23.0	Yes	1,092,000	0	
8	971	On	6.0	23.6	Yes	1,305,000	0	
9	961	On	19.6	23.1	Yes	1,293,000	0	
10	946	On	6.4	22.9	Yes	1,155,000	0	
11	961	On	6.4	23.6	Yes	1,134,000	0	
12	941	On	18.3	22.7	Yes	1,296,000	0	
13	957	On	6.2	23.6	Yes	1,092,000	0	
14	955	On	23.9	23.7	Yes	1,316,000	0	
15	940	On	6.4	23.9	Yes	1,282,000	0	
16	962	On	23.2	23.6	Yes	1,285,000	0	
17	941	On	6.0	23.6	Yes	1,038,000	0	
18	962	On	26.0	23.8	Yes	1,321,000	0	
19	957	On	25.9	23.8	Yes	1,311,000	0	
20	933	On	23.7	23.6	Yes	1,294,000	0	
21	959	On	25.3	23.6	Yes	1,322,000	0	
22	972	On	6.0	23.6	Yes	1,330,000	0	
23	971	On	26.1	23.8	Yes	1,340,000	0	
24	941	On	20.2	23.2	Yes	1,326,000	0	
25	970	On	6.4	23.7	Yes	1,174,000	0	
26	966	On	26.2	23.9	Yes	1,341,000	0	
27	963	On	26.1	23.9	Yes	1,335,000	0	
28	947	On	25.9	24.2	Yes	1,326,000	0	
29	954	On	6.4	23.9	Yes	1,325,000	0	
30	953	On	25.9	23.6	Yes	1,330,000	0	
31	950	On	25.9	23.9	Yes	1,313,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 8/7/2024

Notes: \* Thurston Well 2 Off