


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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 6 / 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	0.039	0.039	0.042	0.039	0.038	0.038	0.132	972
2	On	0.039	0.039	0.040	0.039	0.039	0.039	0.111	972
3	On	0.039	0.039	0.039	0.039	0.039	0.039	0.099	959
4	On	0.039	0.039	0.040	0.039	0.039	0.039	0.093	951
5	On	0.039	0.039	0.039	0.039	0.039	0.039	0.040	951
6	On	0.039	0.039	0.039	0.039	0.039	0.039	0.040	953
7	On	0.040	0.040	0.039	0.039	0.039	0.039	0.040	939
8	On	0.040	0.040	0.045	0.043	0.043	0.043	0.125	958
9	On	0.043	0.043	0.045	0.043	0.043	0.043	0.110	952
10	On	0.044	0.044	0.045	0.044	0.047	0.045	0.106	949
11	On	0.046	0.045	0.046	0.045	0.045	0.046	0.109	961
12	On	0.046	0.046	0.047	0.047	0.047	0.047	0.114	964
13	On	0.047	0.047	0.049	0.049	0.049	0.049	0.118	972
14	On	0.049	0.049	0.051	0.051	0.051	0.051	0.116	964
15	On	0.051	0.051	0.055	0.055	0.054	0.054	0.124	978
16	On	0.054	0.054	0.058	0.057	0.057	0.057	0.125	971
17	On	0.057	0.057	0.060	0.060	0.061	0.060	0.129	978
18	On	0.061	0.061	0.064	0.063	0.063	0.063	0.117	954
19	On	0.064	0.064	0.067	0.066	0.066	0.067	0.123	964
20	On	0.067	0.067	0.067	0.067	0.067	0.067	0.067	956
21	On	0.067	0.067	0.067	0.067	0.067	0.067	0.067	958
22	On	0.067	0.067	0.078	0.078	0.077	0.078	0.168	949
23	On	0.078	0.078	0.081	0.081	0.081	0.081	0.154	947
24	On	0.081	0.081	0.084	0.084	0.084	0.084	0.154	951
25	On	0.084	0.084	0.084	0.037	0.038	0.038	0.084	965
26	On	0.037	0.037	0.037	0.037	0.037	0.037	0.037	966
27	On	0.037	0.037	0.038	0.037	0.036	0.036	0.111	972
28	On	0.037	0.037	0.037	0.037	0.037	0.037	0.096	963
29	On	0.037	0.037	0.036	0.036	0.036	0.036	0.037	958
30	On	0.036	0.036	0.038	0.037	0.037	0.037	0.097	960

<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: 7/3/2024	
				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 = 5.60 Achieved = 22.79	


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: 6 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.43%				
Minimum Validated UVT: 98.8%			Min. UV Dose achieved/intended this month: 21.8 / 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	972	On	6.7	23.2	Yes	1,117,000	0	
2	972	On	6.5	23.6	Yes	1,132,000	0	
3	959	On	6.6	23.8	Yes	1,102,000	0	
4	951	On	6.4	23.7	Yes	1,050,000	0	
5	951	On	20.0	23.1	Yes	1,309,000	0	
6	953	On	19.3	23.0	Yes	1,271,000	0	
7	939	On	22.9	23.6	Yes	1,297,000	0	
8	958	On	6.2	23.5	Yes	1,164,000	0	
9	952	On	6.3	23.0	Yes	1,080,000	0	
10	949	On	5.9	23.6	Yes	1,146,000	0	
11	961	On	6.4	23.6	Yes	1,090,000	0	
12	964	On	6.7	23.1	Yes	1,070,000	0	
13	972	On	6.6	23.6	Yes	1,042,000	0	
14	964	On	6.2	22.9	Yes	1,040,000	0	
15	978	On	6.5	23.8	Yes	975,000	0	
16	971	On	6.6	23.6	Yes	937,000	0	
17	978	On	6.1	23.7	Yes	987,000	0	
18	954	On	6.1	23.6	Yes	1,125,000	0	
19	964	On	6.1	23.1	Yes	1,131,000	0	
20	956	On	22.0	22.7	Yes	1,288,000	0	
21	958	On	20.7	23.0	Yes	1,280,000	0	
22	949	On	6.1	21.8	Yes	1,163,000	0	
23	947	On	6.1	23.6	Yes	1,144,000	0	
24	951	On	6.2	23.6	Yes	1,117,000	0	
25	965	On	25.8	23.8	Yes	1,327,000	0	
26	966	On	23.9	23.7	Yes	1,309,000	0	
27	972	On	6.6	22.9	Yes	1,101,000	0	
28	963	On	6.2	23.6	Yes	978,000	0	
29	958	On	25.9	23.8	Yes	1,341,000	0	
30	960	On	6.5	23.6	Yes	1,132,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 7/3/2024

Notes: \* Thurston Well 2 Off