


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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 9 / 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	0.079	0.079	0.084	0.083	0.083	0.083	0.154	944
2	On	0.083	0.083	0.086	0.086	0.086	0.086	0.140	948
3	On	0.086	0.086	0.087	0.087	0.087	0.087	0.089	954
4	On	0.088	0.088	0.087	0.091	0.091	0.091	0.139	957
5	On	0.091	0.091	0.091	0.094	0.094	0.094	0.134	945
6	On	0.094	0.094	0.094	0.094	0.094	0.094	0.094	945
7	On	0.094	0.094	0.094	0.094	0.094	0.094	0.094	972
8	On	0.094	0.094	0.094	0.094	0.094	0.094	0.094	951
9	On	0.094	0.094	0.094	0.040	0.039	0.040	0.094	943
10	On	0.040	0.040	0.039	0.039	0.041	0.040	0.123	949
11	On	0.039	0.039	0.039	0.039	0.040	0.039	0.094	961
12	On	0.039	0.039	0.039	0.039	0.039	0.039	0.039	961
13	On	0.039	0.039	0.040	0.039	0.039	0.039	0.126	958
14	On	0.039	0.039	0.039	0.039	0.039	0.039	0.131	960
15	On	0.039	0.039	0.039	0.039	0.039	0.039	0.099	960
16	On	0.039	0.039	0.038	0.038	0.038	0.038	0.039	972
17	On	0.038	0.041	0.039	0.038	0.038	0.038	0.120	970
18	On	0.039	0.039	0.039	0.039	0.039	0.039	0.070	966
19	On	0.039	0.041	0.039	0.039	0.039	0.039	0.100	957
20	On	0.040	0.039	0.039	0.039	0.039	0.042	0.088	948
21	On	0.040	0.040	0.043	0.040	0.040	0.040	0.084	954
22	On	0.040	0.040	0.051	0.041	0.041	0.041	0.087	955
23	On	0.041	0.041	0.043	0.041	0.042	0.042	0.087	943
24	On	0.042	0.042	0.043	0.043	0.043	0.043	0.083	940
25	On	0.043	0.043	0.045	0.044	0.044	0.044	0.091	942
26	On	0.044	0.044	0.049	0.046	0.046	0.046	0.126	949
27	On	0.046	0.046	0.049	0.048	0.048	0.048	0.119	956
28	On	0.048	0.048	0.051	0.050	0.050	0.050	0.099	957
29	On	0.050	0.050	0.050	0.052	0.052	0.052	0.106	959
30	On	0.052	0.052	0.055	0.054	0.054	0.054	0.102	963

<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: 10/8/2024
		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 = 4.40 Achieved = 39.58	


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: 9 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.99%				
Minimum Validated UVT: 99.3%			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	944	On	6.1	23.0	Yes	1,054,000	0	
2	948	On	6.1	23.6	Yes	1,167,000	0	
3	954	On	19.1	22.8	Yes	1,324,000	0	
4	957	On	6.2	23.6	Yes	1,335,000	0	
5	945	On	5.8	23.7	Yes	1,310,000	0	
6	945	On	19.4	23.1	Yes	1,323,000	0	
7	972	On	24.0	23.5	Yes	1,333,000	0	
8	951	On	25.6	23.7	Yes	1,327,000	0	
9	943	On	26.0	24.4	Yes	1,318,000	0	
10	949	On	6.3	24.4	Yes	1,212,000	0	
11	961	On	6.1	24.7	Yes	1,248,000	0	
12	961	On	6.1	23.2	Yes	974,000	0	
13	958	On	6.1	23.7	Yes	625,000	0	
14	960	On	9.2	23.7	Yes	1,092,000	0	
15	960	On	6.3	23.6	Yes	1,082,000	0	
16	972	On	6.2	23.6	Yes	793,000	0	
17	970	On	6.5	22.9	Yes	925,000	0	
18	966	On	6.2	23.8	Yes	923,000	0	
19	957	On	6.2	23.7	Yes	923,000	0	
20	948	On	6.2	23.2	Yes	1,044,000	0	
21	954	On	6.2	23.5	Yes	1,084,000	0	
22	955	On	6.2	23.6	Yes	1,080,000	0	
23	943	On	6.2	23.7	Yes	1,114,000	0	
24	940	On	6.2	23.7	Yes	1,178,000	0	
25	942	On	6.1	23.6	Yes	533,000	0	
26	949	On	6.1	23.7	Yes	548,000	0	
27	956	On	6.5	23.0	Yes	964,000	0	
28	957	On	6.5	22.9	Yes	957,000	0	
29	959	On	6.5	23.6	Yes	906,000	0	
30	963	On	6.5	23.6	Yes	982,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>								0.00%
<b>Print Name:</b> Dave Embleton		<b>Signature:</b> 			<b>Cert #:</b> D6098/T6098		<b>Date:</b> 10/8/2024	

Notes: \* Thurston Well 2 Off