


# 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 / 2022

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	0.103	0.103	0.100	0.099	0.105	0.106	0.145	931
2	On	0.106	0.106	0.103	0.108	0.108	0.108	0.139	948
3	On	0.108	0.108	0.106	0.110	0.110	0.110	0.159	951
4	On	0.110	0.110	0.109	0.116	0.111	0.111	0.141	950
5	On	0.111	0.111	0.111	0.111	0.111	0.111	0.139	944
6	On	0.111	0.111	0.111	0.111	0.111	0.111	0.111	946
7	On	0.111	0.111	0.111	0.114	0.114	0.114	0.152	959
8	On	0.114	0.114	0.111	0.115	0.115	0.115	0.151	962
9	On	0.115	0.115	0.113	0.116	0.116	0.116	0.157	962
10	On	0.116	0.115	0.113	0.137	0.117	0.117	0.160	964
11	On	0.117	0.117	0.116	0.144	0.119	0.119	0.159	960
12	On	0.119	0.119	0.119	0.123	0.123	0.123	0.158	964
13	On	0.123	0.123	0.123	0.124	0.124	0.124	0.157	962
14	On	0.124	0.124	0.124	0.126	0.126	0.126	0.159	963
15	On	0.126	0.125	0.122	0.126	0.138	0.126	0.157	958
16	On	0.126	0.126	0.137	0.127	0.127	0.127	0.151	959
17	On	0.127	0.126	0.133	0.126	0.126	0.126	0.154	952
18	On	0.126	0.126	0.126	0.127	0.126	0.126	0.152	947
19	On	0.126	0.126	0.126	0.127	0.127	0.127	0.159	953
20	On	0.127	0.127	0.128	0.127	0.127	0.127	0.158	950
21	On	0.127	0.127	0.126	0.129	0.129	0.130	0.165	957
22	On	0.130	0.130	0.128	0.131	0.131	0.130	0.165	960
23	On	0.131	0.130	0.134	0.132	0.132	0.131	0.165	960
24	On	0.131	0.131	0.133	0.132	0.131	0.131	0.168	968
25	On	0.131	0.131	0.133	0.132	0.130	0.128	0.174	959
26	On	0.128	0.128	0.129	0.127	0.125	0.125	0.171	956
27	On	0.125	0.125	0.125	0.123	0.122	0.122	0.169	959
28	On	0.121	0.121	0.121	0.119	0.118	0.118	0.170	958
29	On	0.117	0.117	0.115	0.114	0.115	0.115	0.152	944
30	On	0.115	0.114	0.104	0.102	0.102	0.102	0.115	923

<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: 7/6/2022
		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 = 6.00 Achieved = 32.20	

Notes: \* Thurston Well 2 Off


Notes:



## 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 / 2022

Minimum UVT [%] during month: N/A			Duty Sensor variation from reference sensor: 12.57%					
Minimum Validated UVT: 99.2%			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	931	On	5.5	23.6	Yes	666,000	0	
2	948	On	5.4	23.6	Yes	969,000	0	
3	951	On	5.6	23.7	Yes	987,000	0	
4	950	On	5.4	24.3	Yes	922,000	0	
5	944	On	5.5	24.4	Yes	1,075,000	0	
6	946	On	26.0	24.3	Yes	1,349,000	0	
7	959	On	5.6	23.7	Yes	1,053,000	0	
8	962	On	5.6	24.1	Yes	1,019,000	0	
9	962	On	5.5	23.0	Yes	949,000	0	
10	964	On	5.5	23.6	Yes	867,000	0	
11	960	On	5.6	23.6	Yes	924,000	0	
12	964	On	5.6	24.6	Yes	906,000	0	
13	962	On	6.0	24.0	Yes	987,000	0	
14	963	On	5.5	23.7	Yes	1,001,000	0	
15	958	On	5.4	23.7	Yes	787,000	0	
16	959	On	5.3	23.7	Yes	1,093,000	0	
17	952	On	5.4	23.7	Yes	1,170,000	0	
18	947	On	5.6	22.8	Yes	1,249,000	0	
19	953	On	5.5	23.1	Yes	1,132,000	0	
20	950	On	5.3	23.6	Yes	1,190,000	0	
21	957	On	5.3	23.6	Yes	977,000	0	
22	960	On	5.6	23.1	Yes	911,000	0	
23	960	On	5.9	23.6	Yes	1,041,000	0	
24	968	On	5.5	22.8	Yes	1,094,000	0	
25	959	On	5.6	23.0	Yes	1,027,000	0	
26	956	On	5.6	23.5	Yes	1,008,000	0	
27	959	On	5.5	23.6	Yes	1,050,000	0	
28	958	On	5.4	23.6	Yes	1,021,000	0	
29	944	On	5.4	23.6	Yes	1,135,000	0	
30	923	On	23.2	23.6	Yes	1,279,000	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> 7/6/2022

Notes: \* Thurston Well 2 Off

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