


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 1 / 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	0.099	0.099	0.100	0.101	0.099	0.099	0.102	1,105
2	On	0.099	0.099	0.099	0.099	0.101	0.100	0.105	1,099
3	On	0.099	0.099	0.099	0.099	0.099	0.103	0.103	1,104
4	On	0.103	0.103	0.100	0.103	0.046	0.046	0.111	1,103
5	On	0.046	0.042	0.059	0.044	0.044	0.047	0.060	1,110
6	On	0.046	0.047	0.047	0.045	0.045	0.045	0.054	1,113
7	On	0.046	0.046	0.043	0.043	0.043	0.043	0.054	1,109
8	On	0.044	0.044	0.044	0.044	0.044	0.044	0.052	1,120
9	On	0.052	0.044	0.044	0.044	0.043	0.043	0.052	1,109
10	On	0.043	0.043	0.043	0.043	0.043	0.043	0.054	1,098
11	On	0.043	0.043	0.042	0.042	0.041	0.041	0.054	1,093
12	On	0.041	0.041	0.041	0.040	0.041	0.041	0.053	1,100
13	On	0.041	0.041	0.041	0.046	0.046	0.046	0.055	1,091
14	On	0.046	0.046	0.045	0.049	0.047	0.047	0.063	1,077
15	On	0.047	0.046	0.045	0.045	0.045	0.045	0.058	1,100
16	On	0.045	0.045	0.045	0.045	0.044	0.044	0.056	1,111
17	On	0.044	0.044	0.044	0.044	0.043	0.043	0.054	1,105
18	On	0.043	0.043	0.043	0.043	0.044	0.043	0.051	1,105
19	On	0.044	0.043	0.043	0.044	0.044	0.043	0.054	1,108
20	On	0.043	0.043	0.043	0.041	0.042	0.042	0.054	1,108
21	On	0.042	0.042	0.042	0.041	0.042	0.042	0.061	1,105
22	On	0.042	0.042	0.042	0.042	0.041	0.042	0.056	1,098
23	On	0.042	0.042	0.041	0.042	0.041	0.041	0.055	1,096
24	On	0.041	0.041	0.041	0.041	0.041	0.041	0.054	1,091
25	On	0.041	0.042	0.041	0.041	0.041	0.041	0.049	1,096
26	On	0.039	0.041	0.041	0.039	0.041	0.040	0.050	1,091
27	On	0.040	0.040	0.040	0.040	0.039	0.040	0.046	1,090
28	On	0.040	0.039	0.038	0.036	0.039	0.040	0.053	1,082
29	On	0.040	0.040	0.039	0.041	0.040	0.040	0.052	1,096
30	On	0.040	0.040	0.039	0.045	0.039	0.039	0.048	1,103
31	On	0.039	0.039	0.039	0.039	0.038	0.039	0.046	1,095
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: 2/5/2021
					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 _{viral} Required = 6.80 Achieved = 29.01	

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: 1 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 15.17%				
Minimum Validated UVT: 97.2%				Min. UV Dose achieved/intended this month: 23.1 / 15 mJ/cm ²				
Day	Peak Hourly Demand Flow [gpm/unit]	Well #2 [On/Off]	Minimum Intensity [mW/cm ²]	Minimum Dose [mJ/cm ²]	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	1,105	On	6.0	25.0	Yes	1,012,000	0	
2	1,099	On	6.0	23.5	Yes	549,000	0	
3	1,104	On	6.0	23.5	Yes	915,000	0	
4	1,103	On	6.0	24.1	Yes	749,000	0	
5	1,110	On	6.1	23.8	Yes	915,000	0	
6	1,113	On	5.9	24.0	Yes	1,105,000	0	
7	1,109	On	5.9	23.8	Yes	857,000	0	
8	1,120	On	5.9	23.1	Yes	1,019,000	0	
9	1,109	On	5.9	24.1	Yes	1,108,000	0	
10	1,098	On	6.4	24.2	Yes	1,092,000	0	
11	1,093	On	6.0	24.0	Yes	957,000	0	
12	1,100	On	5.8	24.0	Yes	1,024,000	0	
13	1,091	On	7.1	24.0	Yes	1,061,000	0	
14	1,077	On	5.8	23.6	Yes	887,000	0	
15	1,100	On	5.8	24.9	Yes	960,000	0	
16	1,111	On	5.9	23.2	Yes	1,020,000	0	
17	1,105	On	5.9	24.1	Yes	1,101,000	0	
18	1,105	On	30.0	24.0	Yes	1,456,000	0	
19	1,108	On	5.9	24.1	Yes	967,000	0	
20	1,108	On	6.1	24.1	Yes	1,010,000	0	
21	1,105	On	6.1	23.8	Yes	862,000	0	
22	1,098	On	6.2	25.0	Yes	982,000	0	
23	1,096	On	6.3	24.8	Yes	1,009,000	0	
24	1,091	On	6.0	24.8	Yes	978,000	0	
25	1,096	On	6.2	23.7	Yes	1,100,000	0	
26	1,091	On	6.2	23.8	Yes	994,000	0	
27	1,090	On	5.8	24.2	Yes	1,267,000	0	
28	1,082	On	6.3	23.6	Yes	853,000	0	
29	1,096	On	6.3	23.6	Yes	934,000	0	
30	1,103	On	6.3	25.1	Yes	1,201,000	0	
31	1,095	On	6.2	23.8	Yes	1,085,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 2/5/2021

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