


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 2 / 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	0.038	0.036	0.038	0.038	0.038	0.038	0.048	1,095
2	On	0.038	0.038	0.037	0.039	0.039	0.039	0.050	1,098
3	On	0.038	0.037	0.039	0.039	0.039	0.040	0.048	1,101
4	On	0.040	0.039	0.039	0.039	0.043	0.039	0.045	1,095
5	On	0.037	0.036	0.035	0.039	0.039	0.039	0.050	1,090
6	On	0.038	0.036	0.034	0.039	0.038	0.039	0.051	1,093
7	On	0.039	0.038	0.036	0.042	0.039	0.039	0.050	1,089
8	On	0.038	0.037	0.039	0.038	0.038	0.040	0.047	1,086
9	On	0.038	0.036	0.034	0.038	0.038	0.038	0.045	1,081
10	On	0.038	0.036	0.034	0.039	0.038	0.038	0.049	1,081
11	On	0.038	0.037	0.035	0.038	0.038	0.038	0.049	1,079
12	On	0.038	0.036	0.040	0.038	0.038	0.038	0.047	1,091
13	On	0.038	0.039	0.039	0.042	0.041	0.041	0.046	1,101
14	On	0.041	0.041	0.043	0.046	0.044	0.044	0.049	1,104
15	On	0.044	0.043	0.043	0.042	0.042	0.042	0.049	1,102
16	On	0.042	0.042	0.044	0.044	0.045	0.043	0.053	1,097
17	On	0.043	0.042	0.044	0.043	0.044	0.043	0.050	1,102
18	On	0.043	0.041	0.040	0.042	0.042	0.041	0.048	1,095
19	On	0.039	0.037	0.035	0.045	0.044	0.044	0.058	1,097
20	On	0.044	0.043	0.041	0.040	0.045	0.045	0.057	1,095
21	On	0.045	0.044	0.046	0.045	0.045	0.045	0.054	1,101
22	On	0.045	0.045	0.044	0.046	0.037	0.039	0.055	1,086
23	On	0.037	0.037	0.035	0.037	0.037	0.037	0.045	1,089
24	On	0.035	0.033	0.031	0.037	0.037	0.037	0.052	1,094
25	On	0.037	0.035	0.034	0.036	0.036	0.036	0.037	1,093
26	On	0.036	0.036	0.036	0.037	0.037	0.036	0.051	1,088
27	On	0.037	0.036	0.037	0.038	0.037	0.037	0.042	1,098
28	On	0.036	0.035	0.036	0.036	0.036	0.036	0.046	1,097


Natural Filtration		Monthly UV Summary	
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: 3/5/2021
		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 = 32.26	

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: 2 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.15%				
Minimum Validated UVT: 97.5%				Min. UV Dose achieved/intended this month: 23.2 / 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	1,095	On	29.5	23.6	Yes	1,302,000	0	
2	1,098	On	6.3	24.4	Yes	747,000	0	
3	1,101	On	6.3	23.7	Yes	1,014,000	0	
4	1,095	On	6.5	23.8	Yes	579,000	0	
5	1,090	On	6.5	23.7	Yes	731,000	0	
6	1,093	On	6.4	23.7	Yes	864,000	0	
7	1,089	On	6.4	25.3	Yes	696,000	0	
8	1,086	On	6.4	24.2	Yes	836,000	0	
9	1,081	On	6.4	23.8	Yes	830,000	0	
10	1,081	On	6.4	23.8	Yes	818,000	0	
11	1,079	On	6.5	23.2	Yes	776,000	0	
12	1,091	On	6.3	23.6	Yes	860,000	0	
13	1,101	On	6.4	23.6	Yes	838,000	0	
14	1,104	On	6.3	25.3	Yes	1,047,000	0	
15	1,102	On	29.8	23.6	Yes	1,139,000	0	
16	1,097	On	6.1	23.5	Yes	718,000	0	
17	1,102	On	6.2	23.6	Yes	799,000	0	
18	1,095	On	6.4	23.6	Yes	524,000	0	
19	1,097	On	6.3	23.5	Yes	682,000	0	
20	1,095	On	6.2	23.5	Yes	561,000	0	
21	1,101	On	31.8	25.0	Yes	1,112,000	0	
22	1,086	On	5.9	23.6	Yes	848,000	0	
23	1,089	On	5.9	23.6	Yes	649,000	0	
24	1,094	On	6.0	23.4	Yes	695,000	0	
25	1,093	On	29.5	24.1	Yes	926,000	0	
26	1,088	On	5.9	23.7	Yes	654,000	0	
27	1,098	On	5.8	25.2	Yes	1,091,000	0	
28	1,097	On	6.5	23.5	Yes	1,136,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 3/5/2021

Notes: * Thurston Well 2 Off