


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 3 / 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	0.037	0.036	0.036	0.036	0.037	0.036	0.061	1,102
2	On	0.036	0.036	0.035	0.033	0.033	0.036	0.102	1,099
3	On	0.036	0.036	0.034	0.035	0.036	0.036	0.049	1,086
4	On	0.036	0.036	0.034	0.033	0.035	0.035	0.050	1,088
5	On	0.035	0.034	0.031	0.037	0.034	0.033	0.051	1,092
6	On	0.035	0.035	0.034	0.036	0.035	0.035	0.046	1,089
7	On	0.035	0.035	0.034	0.038	0.035	0.035	0.049	1,096
8	On	0.035	0.034	0.034	0.034	0.034	0.036	0.046	1,096
9	On	0.035	0.034	0.034	0.034	0.036	0.034	0.049	1,103
10	On	0.034	0.034	0.034	0.034	0.034	0.034	0.046	1,099
11	On	0.034	0.034	0.034	0.035	0.034	0.034	0.049	1,100
12	On	0.034	0.034	0.034	0.034	0.033	0.034	0.044	1,105
13	On	0.033	0.033	0.033	0.033	0.033	0.033	0.045	1,101
14	On	0.033	0.033	0.033	0.033	0.033	0.033	0.045	1,101
15	On	0.033	0.034	0.033	0.033	0.033	0.036	0.043	1,098
16	On	0.033	0.033	0.033	0.034	0.033	0.032	0.039	1,097
17	On	0.033	0.033	0.033	0.032	0.033	0.033	0.041	1,084
18	On	0.033	0.033	0.033	0.036	0.033	0.033	0.047	1,092
19	On	0.033	0.033	0.032	0.034	0.032	0.032	0.049	1,090
20	On	0.033	0.033	0.032	0.032	0.032	0.032	0.047	1,091
21	On	0.032	0.032	0.032	0.032	0.032	0.032	0.047	1,088
22	On	0.032	0.032	0.032	0.032	0.032	0.032	0.048	1,081
23	On	0.032	0.032	0.032	0.035	0.034	0.033	0.055	1,105
24	On	0.033	0.032	0.032	0.032	0.033	0.033	0.048	1,098
25	On	0.033	0.032	0.031	0.033	0.033	0.033	0.049	1,083
26	On	0.032	0.031	0.030	0.034	0.033	0.033	0.052	1,081
27	On	0.033	0.031	0.029	0.035	0.033	0.033	0.051	1,094
28	On	0.032	0.031	0.033	0.033	0.033	0.033	0.047	1,102
29	On	0.032	0.031	0.032	0.032	0.038	0.033	0.044	1,094
30	On	0.032	0.033	0.033	0.033	0.032	0.032	0.102	1,103
31	On	0.033	0.031	0.033	0.032	0.031	0.031	0.039	1,088
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: 4/5/2021	
					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 = 12.00 Achieved = 33.32				

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: 3 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.05%					
Minimum Validated UVT: 98.1%				Min. UV Dose achieved/intended this month: 22.8 / 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	1,102	On	29.3	23.6	Yes	1,249,000	0		
2	1,099	On	6.2	22.8	Yes	746,000	0		
3	1,086	On	6.0	23.8	Yes	900,000	0		
4	1,088	On	6.5	23.5	Yes	817,000	0		
5	1,092	On	5.9	23.7	Yes	479,000	0		
6	1,089	On	6.3	23.6	Yes	983,000	0		
7	1,096	On	6.0	23.7	Yes	1,170,000	0		
8	1,096	On	5.9	25.1	Yes	1,070,000	0		
9	1,103	On	6.3	23.0	Yes	946,000	0		
10	1,099	On	6.5	23.9	Yes	1,259,000	0		
11	1,100	On	6.3	25.2	Yes	1,166,000	0		
12	1,105	On	6.2	23.8	Yes	937,000	0		
13	1,101	On	6.3	25.0	Yes	1,231,000	0		
14	1,101	On	6.3	25.0	Yes	1,231,000	0		
15	1,098	On	6.3	25.1	Yes	1,144,000	0		
16	1,097	On	6.2	22.8	Yes	1,147,000	0		
17	1,084	On	6.3	23.7	Yes	1,299,000	0		
18	1,092	On	5.9	25.1	Yes	1,199,000	0		
19	1,090	On	6.3	23.7	Yes	1,010,000	0		
20	1,091	On	6.2	23.9	Yes	1,006,000	0		
21	1,088	On	5.9	23.6	Yes	975,000	0		
22	1,081	On	6.2	23.8	Yes	998,000	0		
23	1,105	On	5.8	23.7	Yes	745,000	0		
24	1,098	On	6.4	23.7	Yes	775,000	0		
25	1,083	On	6.4	23.4	Yes	632,000	0		
26	1,081	On	6.3	23.7	Yes	674,000	0		
27	1,094	On	6.3	23.6	Yes	613,000	0		
28	1,102	On	6.3	23.6	Yes	1,031,000	0		
29	1,094	On	6.3	23.6	Yes	922,000	0		
30	1,103	On	5.9	23.2	Yes	747,000	0		
31	1,088	On	5.9	25.4	Yes	386,000	0		
Monthly Cumulative % Off-Spec Water Produced								0.00%	
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 4/5/2021	

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