


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 7 / 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	0.056	0.056	0.059	0.058	0.058	0.058	0.105	1,070
2	On	0.058	0.058	0.059	0.059	0.059	0.060	0.107	1,072
3	On	0.060	0.060	0.059	0.059	0.059	0.067	0.079	1,101
4	On	0.063	0.072	0.064	0.061	0.061	0.061	0.211	1,085
5	On	0.061	0.084	0.064	0.062	0.062	0.062	0.171	1,093
6	On	0.063	0.131	0.065	0.064	0.064	0.075	0.470	1,078
7	On	0.068	0.071	0.065	0.038	0.040	0.037	0.285	1,100
8	On	0.036	0.036	0.036	0.035	0.035	0.056	0.116	1,070
9	On	0.039	0.036	0.036	0.035	0.035	0.035	0.081	1,073
10	On	0.035	0.035	0.035	0.035	0.035	0.035	0.035	1,082
11	On	0.035	0.035	0.035	0.035	0.035	0.035	0.035	1,081
12	On	0.035	0.035	0.038	0.035	0.035	0.035	0.166	1,076
13	On	0.035	0.034	0.035	0.034	0.034	0.034	0.097	1,024
14	On	0.034	0.034	0.034	0.035	0.035	0.035	0.076	983
15	On	0.034	0.034	0.034	0.034	0.034	0.034	0.034	984
16	On	0.034	0.034	0.034	0.034	0.034	0.034	0.086	988
17	On	0.034	0.034	0.034	0.034	0.034	0.034	0.082	979
18	On	0.034	0.034	0.034	0.034	0.034	0.034	0.076	976
19	On	0.034	0.034	0.034	0.034	0.034	0.034	0.034	983
20	On	0.034	0.034	0.034	0.034	0.034	0.034	0.034	974
21	On	0.034	0.034	0.034	0.034	0.034	0.034	0.076	987
22	On	0.034	0.034	0.036	0.034	0.034	0.034	0.092	979
23	On	0.034	0.034	0.033	0.034	0.033	0.034	0.034	967
24	On	0.034	0.034	0.035	0.034	0.033	0.034	0.083	970
25	On	0.034	0.034	0.034	0.034	0.034	0.034	0.081	962
26	On	0.034	0.034	0.034	0.034	0.034	0.034	0.079	956
27	On	0.034	0.034	0.034	0.034	0.034	0.034	0.077	965
28	On	0.034	0.034	0.034	0.034	0.034	0.034	0.069	970
29	On	0.034	0.034	0.034	0.034	0.034	0.034	0.034	985
30	On	0.034	0.034	0.034	0.034	0.034	0.034	0.034	941
31	On	0.034	0.034	0.037	0.035	0.034	0.034	0.094	967
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: 8/3/2021
					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 = 4.80 Achieved = 32.65	

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: 7 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.76%				
Minimum Validated UVT: 99%			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	1,070	On	5.6	23.6	Yes	1,198,000	0	
2	1,072	On	5.4	23.6	Yes	1,237,000	0	
3	1,101	On	27.5	23.6	Yes	1,450,000	0	
4	1,085	On	6.1	23.5	Yes	1,146,000	0	
5	1,093	On	29.2	23.5	Yes	1,452,000	0	
6	1,078	On	6.1	23.5	Yes	1,299,000	0	
7	1,100	On	5.6	23.4	Yes	1,244,000	0	
8	1,070	On	5.5	23.6	Yes	968,000	0	
9	1,073	On	26.7	23.4	Yes	1,484,000	0	
10	1,082	On	26.0	23.7	Yes	1,476,000	0	
11	1,081	On	27.1	23.6	Yes	1,456,000	0	
12	1,076	On	5.7	23.6	Yes	1,103,000	0	
13	1,024	On	5.7	23.6	Yes	1,234,000	0	
14	983	On	5.4	23.4	Yes	1,209,000	0	
15	984	On	26.9	23.5	Yes	1,332,000	0	
16	988	On	6.3	22.8	Yes	1,099,000	0	
17	979	On	6.5	23.6	Yes	1,087,000	0	
18	976	On	6.3	23.6	Yes	1,129,000	0	
19	983	On	27.3	23.6	Yes	1,335,000	0	
20	974	On	27.3	23.6	Yes	1,325,000	0	
21	987	On	6.2	23.6	Yes	1,300,000	0	
22	979	On	5.5	23.6	Yes	1,051,000	0	
23	967	On	24.4	23.6	Yes	1,315,000	0	
24	970	On	5.6	23.6	Yes	1,175,000	0	
25	962	On	5.6	23.6	Yes	1,116,000	0	
26	956	On	5.5	23.6	Yes	1,101,000	0	
27	965	On	5.4	23.6	Yes	1,079,000	0	
28	970	On	5.4	23.6	Yes	1,179,000	0	
29	985	On	28.3	23.6	Yes	1,344,000	0	
30	941	On	29.1	23.6	Yes	1,324,000	0	
31	967	On	6.4	23.4	Yes	1,042,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 8/3/2021

Notes: * Thurston Well 2 Off