


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 / 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	0.031	0.029	0.028	0.032	0.032	0.031	0.044	985
2	On	0.031	0.031	0.031	0.031	0.031	0.031	0.040	978
3	On	0.029	0.041	0.031	0.030	0.029	0.031	0.041	975
4	On	0.031	0.030	0.030	0.029	0.030	0.030	0.068	978
5	On	0.030	0.030	0.029	0.028	0.030	0.030	0.042	976
6	On	0.030	0.029	0.029	0.041	0.029	0.029	0.041	976
7	On	0.029	0.029	0.029	0.029	0.029	0.029	0.042	975
8	On	0.029	0.029	0.030	0.029	0.029	0.029	0.037	963
9	On	0.029	0.029	0.029	0.028	0.029	0.029	0.039	961
10	On	0.029	0.029	0.029	0.029	0.029	0.029	0.038	962
11	On	0.029	0.029	0.029	0.028	0.029	0.029	0.048	956
12	On	0.029	0.028	0.027	0.026	0.029	0.028	0.046	968
13	On	0.028	0.028	0.026	0.025	0.029	0.028	0.044	967
14	On	0.029	0.028	0.028	0.029	0.028	0.028	0.034	967
15	On	0.026	0.026	0.028	0.028	0.029	0.028	0.043	988
16	On	0.028	0.028	0.028	0.028	0.028	0.028	0.034	969
17	On	0.026	0.025	0.028	0.028	0.028	0.027	0.042	977
18	On	0.028	0.027	0.026	0.028	0.028	0.028	0.037	970
19	On	0.027	0.026	0.025	0.028	0.028	0.028	0.042	977
20	On	0.027	0.026	0.025	0.035	0.028	0.028	0.043	969
21	On	0.027	0.027	0.025	0.029	0.028	0.028	0.042	969
22	On	0.028	0.027	0.028	0.028	0.028	0.027	0.034	968
23	On	0.028	0.027	0.027	0.028	0.028	0.027	0.028	960
24	On	0.028	0.027	0.027	0.028	0.028	0.027	0.040	961
25	On	0.028	0.027	0.027	0.026	0.026	0.028	0.046	960
26	On	0.028	0.027	0.027	0.028	0.028	0.028	0.041	967
27	On	0.028	0.027	0.027	0.028	0.028	0.028	0.039	961
28	On	0.028	0.027	0.027	0.028	0.028	0.028	0.035	973


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: 3/8/2022
		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 _{viral} Required = 6.80 Achieved = 42.95	

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 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 14.05%				
Minimum Validated UVT: 97.1%			Min. UV Dose achieved/intended this month: 22.9 / 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	985	On	25.5	23.8	Yes	934,000	0	
2	978	On	6.2	23.6	Yes	777,000	0	
3	975	On	6.2	23.8	Yes	819,000	0	
4	978	On	6.2	23.6	Yes	928,000	0	
5	976	On	6.2	25.2	Yes	1,109,000	0	
6	976	On	6.1	23.6	Yes	1,070,000	0	
7	975	On	5.9	23.7	Yes	778,000	0	
8	963	On	5.9	23.6	Yes	1,069,000	0	
9	961	On	5.8	24.8	Yes	1,117,000	0	
10	962	On	5.8	24.5	Yes	1,135,000	0	
11	956	On	5.8	24.4	Yes	519,000	0	
12	968	On	25.0	24.1	Yes	572,000	0	
13	967	On	5.8	23.6	Yes	718,000	0	
14	967	On	5.6	24.6	Yes	901,000	0	
15	988	On	6.4	23.6	Yes	811,000	0	
16	969	On	6.4	23.8	Yes	732,000	0	
17	977	On	6.3	22.9	Yes	631,000	0	
18	970	On	6.4	23.6	Yes	739,000	0	
19	977	On	6.4	22.9	Yes	646,000	0	
20	969	On	6.3	23.7	Yes	661,000	0	
21	969	On	26.9	24.2	Yes	751,000	0	
22	968	On	5.8	23.5	Yes	715,000	0	
23	960	On	24.9	23.6	Yes	1,359,000	0	
24	961	On	5.8	23.9	Yes	901,000	0	
25	960	On	5.6	23.6	Yes	452,000	0	
26	967	On	5.7	24.1	Yes	577,000	0	
27	961	On	27.0	24.6	Yes	1,123,000	0	
28	973	On	5.6	24.5	Yes	872,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 3/8/2022

Notes: * Thurston Well 2 Off