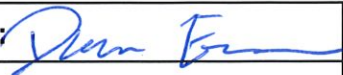


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 8 / 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	0.034	0.034	0.035	0.034	0.035	0.035	0.074	984
2	On	0.035	0.035	0.035	0.036	0.036	0.036	0.038	957
3	On	0.036	0.036	0.037	0.038	0.036	0.036	0.081	976
4	On	0.036	0.036	0.036	0.036	0.036	0.036	0.036	984
5	On	0.036	0.036	0.037	0.037	0.037	0.037	0.073	979
6	On	0.038	0.038	0.037	0.037	0.037	0.037	0.038	991
7	On	0.037	0.038	0.037	0.037	0.037	0.037	0.037	968
8	On	0.037	0.037	0.039	0.039	0.039	0.039	0.079	986
9	On	0.039	0.039	0.040	0.040	0.040	0.040	0.079	975
10	On	0.040	0.040	0.040	0.041	0.041	0.041	0.065	987
11	On	0.041	0.041	0.042	0.042	0.042	0.042	0.076	970
12	On	0.042	0.042	0.044	0.043	0.043	0.044	0.077	963
13	On	0.044	0.044	0.043	0.043	0.043	0.043	0.044	970
14	On	0.044	0.043	0.043	0.043	0.043	0.044	0.044	940
15	On	0.044	0.043	0.048	0.048	0.048	0.048	0.094	962
16	On	0.048	0.048	0.049	0.049	0.049	0.049	0.088	975
17	On	0.049	0.049	0.050	0.050	0.050	0.050	0.078	983
18	On	0.050	0.050	0.050	0.049	0.050	0.050	0.050	987
19	On	0.050	0.050	0.054	0.053	0.053	0.053	0.088	967
20	On	0.053	0.053	0.055	0.055	0.055	0.055	0.086	974
21	On	0.055	0.055	0.056	0.056	0.056	0.056	0.081	967
22	On	0.056	0.056	0.059	0.058	0.058	0.058	0.085	973
23	On	0.058	0.058	0.060	0.059	0.059	0.060	0.084	986
24	On	0.060	0.060	0.061	0.062	0.061	0.062	0.084	976
25	On	0.062	0.062	0.062	0.062	0.063	0.063	0.072	976
26	On	0.063	0.063	0.064	0.064	0.064	0.064	0.085	965
27	On	0.064	0.065	0.065	0.065	0.066	0.066	0.095	974
28	On	0.067	0.066	0.066	0.066	0.067	0.067	0.067	973
29	On	0.067	0.067	0.067	0.067	0.071	0.068	0.077	980
30	On	0.068	0.068	0.068	0.068	0.069	0.069	0.088	971
31	On	0.069	0.069	0.069	0.070	0.070	0.070	0.099	981


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: 9/9/2021
	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 = 3.80 Achieved = 33.11

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: 8 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.44%				
Minimum Validated UVT: 97.9%			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	984	On	6.3	23.5	Yes	1,194,000	0	
2	957	On	29.8	23.6	Yes	1,318,000	0	
3	976	On	5.7	23.6	Yes	1,089,000	0	
4	984	On	28.1	23.5	Yes	1,339,000	0	
5	979	On	6.3	23.6	Yes	1,019,000	0	
6	991	On	28.6	23.5	Yes	1,355,000	0	
7	968	On	28.2	23.5	Yes	1,349,000	0	
8	986	On	6.3	23.6	Yes	1,164,000	0	
9	975	On	6.4	23.6	Yes	1,005,000	0	
10	987	On	6.1	23.6	Yes	1,302,000	0	
11	970	On	5.5	23.5	Yes	1,168,000	0	
12	963	On	5.5	23.6	Yes	1,145,000	0	
13	970	On	24.6	23.6	Yes	1,341,000	0	
14	940	On	23.9	23.7	Yes	1,324,000	0	
15	962	On	5.5	23.6	Yes	1,089,000	0	
16	975	On	5.5	23.5	Yes	1,094,000	0	
17	983	On	5.4	22.8	Yes	1,214,000	0	
18	987	On	23.5	22.8	Yes	1,340,000	0	
19	967	On	6.4	22.8	Yes	1,101,000	0	
20	974	On	6.3	23.5	Yes	1,078,000	0	
21	967	On	6.3	23.4	Yes	1,023,000	0	
22	973	On	6.2	23.6	Yes	973,000	0	
23	986	On	6.4	23.6	Yes	1,010,000	0	
24	976	On	5.9	23.7	Yes	1,017,000	0	
25	976	On	24.3	23.6	Yes	1,344,000	0	
26	965	On	5.5	23.7	Yes	1,108,000	0	
27	974	On	5.6	23.6	Yes	1,153,000	0	
28	973	On	24.9	23.6	Yes	1,348,000	0	
29	980	On	24.2	23.6	Yes	1,345,000	0	
30	971	On	20.2	22.9	Yes	1,347,000	0	
31	981	On	5.5	23.6	Yes	1,361,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 9/9/2021

Notes: * Thurston Well 2 Off