


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 5 / 2023


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	0.033	0.034	0.034	0.034	0.055	947
2	On	0.034	0.031	0.029	0.043	0.034	0.034	0.064	959
3	On	0.034	0.032	0.029	0.035	0.035	0.035	0.063	961
4	On	0.034	0.031	0.028	0.034	0.034	0.034	0.063	943
5	On	0.034	0.031	0.035	0.034	0.034	0.031	0.058	959
6	On	0.035	0.033	0.030	0.034	0.034	0.034	0.052	953
7	On	0.031	0.028	0.026	0.034	0.034	0.034	0.066	951
8	On	0.036	0.035	0.035	0.034	0.034	0.034	0.036	951
9	On	0.034	0.032	0.029	0.028	0.036	0.035	0.069	946
10	On	0.035	0.035	0.035	0.035	0.035	0.035	0.051	934
11	On	0.035	0.029	0.027	0.036	0.036	0.036	0.066	952
12	On	0.035	0.034	0.031	0.039	0.035	0.035	0.061	951
13	On	0.035	0.033	0.029	0.035	0.035	0.035	0.061	937
14	On	0.035	0.034	0.031	0.036	0.035	0.036	0.064	924
15	On	0.036	0.035	0.038	0.036	0.036	0.036	0.067	922
16	On	0.036	0.033	0.029	0.036	0.036	0.036	0.068	945
17	On	0.036	0.034	0.038	0.036	0.036	0.037	0.073	939
18	On	0.037	0.036	0.038	0.037	0.037	0.037	0.069	929
19	On	0.037	0.034	0.038	0.037	0.037	0.037	0.070	913
20	On	0.037	0.035	0.031	0.037	0.037	0.037	0.074	926
21	On	0.038	0.035	0.041	0.037	0.037	0.037	0.072	931
22	On	0.038	0.035	0.038	0.038	0.038	0.043	0.076	935
23	On	0.038	0.036	0.038	0.038	0.037	0.039	0.064	935
24	On	0.038	0.037	0.038	0.038	0.038	0.038	0.056	942
25	On	0.038	0.038	0.038	0.038	0.038	0.038	0.057	942
26	On	0.038	0.038	0.069	0.038	0.038	0.038	0.069	923
27	On	0.038	0.036	0.038	0.037	0.037	0.037	0.069	927
28	On	0.038	0.039	0.037	0.037	0.037	0.037	0.066	940
29	On	0.037	0.037	0.037	0.037	0.037	0.037	0.037	923
30	On	0.037	0.039	0.038	0.037	0.037	0.037	0.084	937
31	On	0.037	0.037	0.037	0.037	0.037	0.037	0.037	931
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: 6/5/2023	
					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 = 6.40 Achieved = 37.34	

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: 5 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.32%				
Minimum Validated UVT: 98.8%			Min. UV Dose achieved/intended this month: 22.7 / 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	947	On	5.7	23.0	Yes	952,000	0	
2	959	On	5.9	23.2	Yes	676,000	0	
3	961	On	5.9	23.5	Yes	725,000	0	
4	943	On	5.9	23.7	Yes	686,000	0	
5	959	On	5.8	23.6	Yes	609,000	0	
6	953	On	6.0	23.7	Yes	703,000	0	
7	951	On	6.0	23.6	Yes	745,000	0	
8	951	On	5.9	23.6	Yes	1,324,000	0	
9	946	On	24.9	23.7	Yes	560,000	0	
10	934	On	5.7	22.8	Yes	1,182,000	0	
11	952	On	20.9	22.9	Yes	789,000	0	
12	951	On	5.8	23.6	Yes	807,000	0	
13	937	On	6.2	23.7	Yes	947,000	0	
14	924	On	5.9	23.6	Yes	875,000	0	
15	922	On	5.9	23.6	Yes	986,000	0	
16	945	On	5.8	23.6	Yes	900,000	0	
17	939	On	5.8	23.6	Yes	939,000	0	
18	929	On	5.7	23.4	Yes	940,000	0	
19	913	On	5.7	23.6	Yes	919,000	0	
20	926	On	5.8	23.6	Yes	803,000	0	
21	931	On	5.9	23.5	Yes	825,000	0	
22	935	On	5.9	23.7	Yes	742,000	0	
23	935	On	5.8	24.3	Yes	817,000	0	
24	942	On	5.8	22.7	Yes	1,151,000	0	
25	942	On	5.7	23.6	Yes	1,303,000	0	
26	923	On	6.0	23.5	Yes	976,000	0	
27	927	On	5.9	23.7	Yes	1,069,000	0	
28	940	On	6.0	23.1	Yes	1,069,000	0	
29	923	On	18.6	22.8	Yes	1,301,000	0	
30	937	On	6.0	23.5	Yes	1,111,000	0	
31	931	On	25.3	23.9	Yes	1,302,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 6/5/2023

Notes: * Thurston Well 2 Off