


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 / 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	0.031	0.031	0.031	0.031	0.031	0.030	0.039	950
2	On	0.032	0.031	0.032	0.031	0.031	0.031	0.038	937
3	On	0.031	0.031	0.031	0.032	0.031	0.031	0.039	942
4	On	0.031	0.031	0.031	0.036	0.031	0.031	0.037	938
5	On	0.031	0.032	0.031	0.031	0.031	0.031	0.037	941
6	On	0.031	0.031	0.031	0.031	0.031	0.031	0.038	933
7	On	0.031	0.031	0.031	0.031	0.031	0.031	0.039	938
8	On	0.029	0.028	0.028	0.031	0.031	0.031	0.044	944
9	On	0.031	0.031	0.029	0.031	0.031	0.031	0.041	951
10	On	0.031	0.030	0.032	0.031	0.031	0.031	0.040	952
11	On	0.032	0.031	0.031	0.033	0.033	0.033	0.038	950
12	On	0.032	0.031	0.031	0.033	0.033	0.033	0.038	950
13	On	0.033	0.032	0.031	0.030	0.034	0.034	0.044	952
14	On	0.034	0.034	0.038	0.038	0.041	0.040	0.042	956
15	On	0.039	0.037	0.036	0.038	0.037	0.036	0.042	948
16	On	0.037	0.036	0.035	0.036	0.035	0.034	0.039	936
17	On	0.033	0.032	0.031	0.031	0.035	0.035	0.047	927
18	On	0.034	0.033	0.032	0.031	0.036	0.035	0.045	939
19	On	0.035	0.034	0.035	0.035	0.035	0.035	0.040	948
20	On	0.034	0.034	0.033	0.036	0.036	0.034	0.042	947
21	On	0.036	0.036	0.035	0.036	0.036	0.036	0.039	944
22	On	0.034	0.033	0.032	0.037	0.036	0.036	0.047	942
23	On	0.036	0.034	0.034	0.037	0.037	0.037	0.044	947
24	On	0.036	0.036	0.037	0.037	0.037	0.036	0.042	939
25	On	0.036	0.035	0.035	0.039	0.039	0.038	0.049	944
26	On	0.039	0.037	0.036	0.035	0.040	0.040	0.049	952
27	On	0.039	0.038	0.037	0.040	0.040	0.039	0.047	939
28	On	0.038	0.036	0.041	0.041	0.040	0.041	0.053	955
29	On	0.039	0.041	0.040	0.039	0.041	0.041	0.047	941
30	On	0.041	0.041	0.041	0.042	0.041	0.041	0.049	944
31	On	0.041	0.040	0.042	0.041	0.041	0.041	0.051	942


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: 4/6/2023
		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 = 7.20 Achieved = 37.77	

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 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 12.40%				
Minimum Validated UVT: 98.5%				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	950	On	5.9	23.7	Yes	1,014,000	0	
2	937	On	6.0	23.6	Yes	1,097,000	0	
3	942	On	5.9	24.0	Yes	940,000	0	
4	938	On	5.8	23.9	Yes	947,000	0	
5	941	On	27.3	24.2	Yes	1,194,000	0	
6	933	On	5.8	23.9	Yes	1,093,000	0	
7	938	On	5.7	23.5	Yes	596,000	0	
8	944	On	6.3	23.7	Yes	828,000	0	
9	951	On	6.4	25.2	Yes	772,000	0	
10	952	On	6.1	23.7	Yes	489,000	0	
11	950	On	6.1	23.6	Yes	620,000	0	
12	950	On	6.1	23.6	Yes	620,000	0	
13	952	On	6.0	23.6	Yes	507,000	0	
14	956	On	6.3	24.1	Yes	891,000	0	
15	948	On	5.8	24.4	Yes	494,000	0	
16	936	On	5.7	23.6	Yes	451,000	0	
17	927	On	5.8	23.6	Yes	541,000	0	
18	939	On	5.8	24.4	Yes	499,000	0	
19	948	On	5.7	22.9	Yes	688,000	0	
20	947	On	5.8	24.8	Yes	504,000	0	
21	944	On	5.8	23.7	Yes	719,000	0	
22	942	On	5.9	23.5	Yes	512,000	0	
23	947	On	5.9	22.9	Yes	887,000	0	
24	939	On	6.1	25.2	Yes	428,000	0	
25	944	On	5.9	23.6	Yes	780,000	0	
26	952	On	6.1	25.0	Yes	609,000	0	
27	939	On	6.1	23.6	Yes	448,000	0	
28	955	On	5.9	23.4	Yes	723,000	0	
29	941	On	6.0	23.5	Yes	1,015,000	0	
30	944	On	5.9	24.3	Yes	928,000	0	
31	942	On	27.3	24.4	Yes	1,110,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 4/6/2023

Notes: * Thurston Well 2 Off