


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 / 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	0.029	0.029	0.028	0.036	0.029	0.029	0.037	947
2	On	0.029	0.029	0.027	0.025	0.029	0.029	0.040	940
3	On	0.029	0.029	0.029	0.029	0.029	0.028	0.035	941
4	On	0.028	0.027	0.026	0.029	0.029	0.029	0.042	928
5	On	0.028	0.026	0.024	0.030	0.029	0.029	0.040	931
6	On	0.029	0.028	0.027	0.026	0.026	0.029	0.043	945
7	On	0.029	0.029	0.029	0.029	0.028	0.028	0.035	927
8	On	0.028	0.028	0.028	0.028	0.028	0.028	0.029	948
9	On	0.028	0.028	0.028	0.029	0.029	0.029	0.039	945
10	On	0.030	0.029	0.028	0.027	0.030	0.029	0.038	957
11	On	0.029	0.029	0.029	0.031	0.029	0.029	0.037	952
12	On	0.029	0.029	0.029	0.029	0.029	0.029	0.037	952
13	On	0.029	0.029	0.029	0.029	0.029	0.029	0.042	950
14	On	0.029	0.029	0.029	0.029	0.029	0.029	0.033	948
15	On	0.029	0.027	0.029	0.029	0.029	0.029	0.037	934
16	On	0.029	0.029	0.029	0.029	0.029	0.029	0.030	935
17	On	0.029	0.029	0.029	0.029	0.029	0.029	0.041	939
18	On	0.030	0.030	0.029	0.029	0.029	0.029	0.030	938
19	On	0.029	0.029	0.029	0.029	0.029	0.029	0.029	938
20	On	0.029	0.029	0.029	0.029	0.029	0.029	0.029	938
21	On	0.029	0.029	0.029	0.029	0.029	0.029	0.044	951
22	On	0.029	0.030	0.030	0.029	0.029	0.030	0.044	958
23	On	0.029	0.029	0.029	0.029	0.030	0.030	0.041	948
24	On	0.030	0.030	0.030	0.031	0.030	0.030	0.040	951
25	On	0.030	0.029	0.029	0.029	0.029	0.030	0.030	957
26	On	0.030	0.029	0.029	0.029	0.030	0.030	0.043	956
27	On	0.030	0.031	0.030	0.030	0.030	0.030	0.039	952
28	On	0.030	0.030	0.030	0.031	0.031	0.030	0.039	954


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: 3/7/2023
		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 = 42.81	

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 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 12.86%				
Minimum Validated UVT: 98.8%			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	947	On	5.7	23.7	Yes	873,000	0	
2	940	On	5.6	23.9	Yes	718,000	0	
3	941	On	5.7	24.6	Yes	516,000	0	
4	928	On	5.8	23.5	Yes	572,000	0	
5	931	On	6.0	23.6	Yes	694,000	0	
6	945	On	26.5	24.0	Yes	383,000	0	
7	927	On	5.6	23.8	Yes	997,000	0	
8	948	On	24.3	23.5	Yes	1,323,000	0	
9	945	On	6.3	23.5	Yes	965,000	0	
10	957	On	6.4	23.0	Yes	959,000	0	
11	952	On	6.3	23.9	Yes	1,013,000	0	
12	952	On	6.2	23.0	Yes	1,026,000	0	
13	950	On	6.4	23.5	Yes	978,000	0	
14	948	On	5.8	23.6	Yes	1,183,000	0	
15	934	On	20.9	23.0	Yes	1,122,000	0	
16	935	On	5.8	23.6	Yes	1,297,000	0	
17	939	On	5.7	24.5	Yes	810,000	0	
18	938	On	27.2	24.9	Yes	1,351,000	0	
19	938	On	27.3	24.7	Yes	1,337,000	0	
20	938	On	27.4	24.2	Yes	1,343,000	0	
21	951	On	5.6	23.6	Yes	1,038,000	0	
22	958	On	6.3	23.0	Yes	841,000	0	
23	948	On	6.4	22.9	Yes	993,000	0	
24	951	On	6.3	23.6	Yes	996,000	0	
25	957	On	27.8	25.4	Yes	1,368,000	0	
26	956	On	6.3	23.2	Yes	1,016,000	0	
27	952	On	21.4	23.0	Yes	1,223,000	0	
28	954	On	5.9	23.8	Yes	1,096,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 3/7/2023

Notes: * Thurston Well 2 Off