


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 6 / 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	0.037	0.037	0.037	0.038	0.037	0.037	0.090	938
2	On	0.038	0.038	0.038	0.038	0.037	0.038	0.038	901
3	On	0.038	0.038	0.038	0.038	0.037	0.038	0.038	923
4	On	0.038	0.038	0.038	0.038	0.037	0.038	0.038	922
5	On	0.037	0.037	0.038	0.037	0.039	0.038	0.123	920
6	On	0.039	0.038	0.038	0.037	0.037	0.037	0.124	929
7	On	0.038	0.038	0.037	0.037	0.037	0.037	0.102	936
8	On	0.037	0.037	0.037	0.037	0.036	0.037	0.091	932
9	On	0.037	0.037	0.036	0.036	0.036	0.036	0.037	929
10	On	0.036	0.036	0.036	0.036	0.036	0.037	0.037	908
11	On	0.037	0.037	0.038	0.037	0.037	0.037	0.112	925
12	On	0.037	0.037	0.037	0.037	0.037	0.038	0.083	953
13	On	0.038	0.038	0.038	0.037	0.037	0.038	0.115	930
14	On	0.037	0.037	0.037	0.037	0.037	0.037	0.097	931
15	On	0.037	0.037	0.037	0.037	0.037	0.037	0.092	920
16	On	0.037	0.038	0.037	0.037	0.037	0.037	0.038	909
17	On	0.037	0.038	0.037	0.037	0.037	0.037	0.038	928
18	On	0.037	0.037	0.037	0.037	0.037	0.054	0.161	936
19	On	0.039	0.039	0.038	0.039	0.039	0.039	0.105	943
20	On	0.039	0.038	0.038	0.038	0.038	0.039	0.101	946
21	On	0.039	0.039	0.039	0.038	0.038	0.038	0.039	955
22	On	0.039	0.038	0.040	0.039	0.039	0.039	0.101	925
23	On	0.039	0.039	0.040	0.040	0.040	0.040	0.092	932
24	On	0.040	0.040	0.040	0.040	0.040	0.040	0.041	947
25	On	0.040	0.040	0.044	0.042	0.041	0.042	0.101	940
26	On	0.042	0.042	0.043	0.043	0.043	0.043	0.099	936
27	On	0.043	0.043	0.044	0.044	0.044	0.046	0.086	935
28	On	0.045	0.044	0.046	0.045	0.045	0.045	0.083	918
29	On	0.045	0.045	0.048	0.046	0.046	0.046	0.102	921
30	On	0.046	0.046	0.046	0.048	0.048	0.048	0.106	941

Natural Filtration		Monthly UV Summary	
95% of turbidity readings \leq 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: 7/6/2023
		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 = 5.60 Achieved = 32.46	

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: 6 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 12.62%				
Minimum Validated UVT: 98.8%				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	938	On	6.1	23.7	Yes	1,121,000	0	
2	901	On	25.6	23.7	Yes	1,272,000	0	
3	923	On	26.3	23.6	Yes	1,282,000	0	
4	922	On	20.2	23.0	Yes	1,284,000	0	
5	920	On	6.1	23.6	Yes	1,250,000	0	
6	929	On	6.0	23.6	Yes	1,090,000	0	
7	936	On	7.1	23.6	Yes	1,085,000	0	
8	932	On	6.2	23.7	Yes	1,081,000	0	
9	929	On	25.2	23.8	Yes	1,295,000	0	
10	908	On	22.9	23.8	Yes	1,265,000	0	
11	925	On	5.9	23.6	Yes	1,070,000	0	
12	953	On	6.1	23.6	Yes	1,242,000	0	
13	930	On	5.9	23.6	Yes	1,081,000	0	
14	931	On	5.9	23.4	Yes	1,160,000	0	
15	920	On	5.9	23.5	Yes	1,111,000	0	
16	909	On	25.5	23.7	Yes	1,243,000	0	
17	928	On	24.5	23.6	Yes	1,280,000	0	
18	936	On	5.9	23.6	Yes	918,000	0	
19	943	On	5.8	23.6	Yes	842,000	0	
20	946	On	6.0	23.6	Yes	907,000	0	
21	955	On	19.6	22.8	Yes	1,318,000	0	
22	925	On	6.0	23.6	Yes	973,000	0	
23	932	On	6.0	23.7	Yes	1,084,000	0	
24	947	On	23.6	24.2	Yes	1,323,000	0	
25	940	On	6.0	23.6	Yes	1,038,000	0	
26	936	On	6.0	23.6	Yes	1,027,000	0	
27	935	On	5.9	23.5	Yes	897,000	0	
28	918	On	5.8	23.6	Yes	1,100,000	0	
29	921	On	5.9	23.7	Yes	577,000	0	
30	941	On	20.3	23.0	Yes	779,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: <i>Dave Embleton</i>		Signature: <i>Jan E...</i>			Cert #: <i>6099</i>		Date: 7/6/2023	

Notes: * Thurston Well 2 Off