


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 / 2022

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	0.028	0.028	0.027	0.028	0.028	0.029	0.035	982
2	On	0.029	0.029	0.029	0.029	0.029	0.029	0.034	978
3	On	0.029	0.029	0.029	0.031	0.031	0.031	0.039	989
4	On	0.031	0.031	0.031	0.031	0.031	0.031	0.040	982
5	On	0.031	0.030	0.031	0.030	0.031	0.030	0.041	977
6	On	0.030	0.030	0.030	0.030	0.030	0.030	0.042	980
7	On	0.030	0.029	0.029	0.030	0.030	0.029	0.041	968
8	On	0.030	0.029	0.028	0.029	0.029	0.028	0.037	964
9	On	0.029	0.029	0.028	0.029	0.029	0.028	0.037	971
10	On	0.029	0.029	0.028	0.029	0.029	0.035	0.035	967
11	On	0.029	0.029	0.028	0.029	0.029	0.029	0.035	960
12	On	0.029	0.027	0.026	0.030	0.029	0.029	0.045	964
13	On	0.029	0.027	0.026	0.030	0.029	0.029	0.045	964
14	On	0.029	0.029	0.030	0.030	0.030	0.030	0.037	982
15	On	0.030	0.030	0.029	0.030	0.030	0.029	0.036	976
16	On	0.031	0.030	0.030	0.031	0.031	0.031	0.036	980
17	On	0.031	0.029	0.030	0.030	0.035	0.031	0.069	982
18	On	0.031	0.031	0.031	0.044	0.031	0.031	0.044	979
19	On	0.031	0.030	0.030	0.046	0.030	0.030	0.046	973
20	On	0.031	0.031	0.030	0.029	0.030	0.030	0.042	984
21	On	0.031	0.031	0.031	0.044	0.028	0.028	0.165	975
22	On	0.028	0.028	0.028	0.031	0.029	0.028	0.037	979
23	On	0.029	0.029	0.028	0.028	0.029	0.029	0.044	967
24	On	0.029	0.029	0.028	0.029	0.029	0.029	0.043	965
25	On	0.029	0.028	0.028	0.028	0.028	0.028	0.041	968
26	On	0.029	0.028	0.026	0.029	0.028	0.029	0.051	965
27	On	0.028	0.027	0.026	0.028	0.029	0.029	0.051	962
28	On	0.029	0.028	0.026	0.029	0.029	0.029	0.048	962
29	On	0.027	0.026	0.024	0.029	0.029	0.029	0.056	970
30	On	0.029	0.027	0.025	0.024	0.029	0.029	0.058	969
31	On	0.029	0.027	0.026	0.028	0.028	0.028	0.052	971


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: 4/7/2022
		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 CT _{viral} Achieved = 39.27	

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 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 10.94%				
Minimum Validated UVT: 98.1%			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	982	On	6.3	25.0	Yes	1,149,000	0	
2	978	On	6.1	22.9	Yes	1,143,000	0	
3	989	On	6.0	23.8	Yes	1,077,000	0	
4	982	On	6.0	23.6	Yes	894,000	0	
5	977	On	6.0	23.2	Yes	580,000	0	
6	980	On	25.7	23.4	Yes	1,049,000	0	
7	968	On	5.7	23.8	Yes	766,000	0	
8	964	On	5.6	23.8	Yes	691,000	0	
9	971	On	5.7	23.8	Yes	730,000	0	
10	967	On	5.6	24.0	Yes	707,000	0	
11	960	On	5.6	23.9	Yes	932,000	0	
12	964	On	5.6	23.8	Yes	521,000	0	
13	964	On	5.6	23.8	Yes	521,000	0	
14	982	On	5.4	24.2	Yes	771,000	0	
15	976	On	6.4	22.9	Yes	939,000	0	
16	980	On	6.0	23.6	Yes	1,006,000	0	
17	982	On	6.0	23.6	Yes	690,000	0	
18	979	On	6.1	22.8	Yes	988,000	0	
19	973	On	6.0	23.6	Yes	706,000	0	
20	984	On	6.1	25.0	Yes	851,000	0	
21	975	On	5.4	23.0	Yes	1,004,000	0	
22	979	On	5.9	24.8	Yes	1,121,000	0	
23	967	On	27.3	24.5	Yes	791,000	0	
24	965	On	5.6	24.5	Yes	742,000	0	
25	968	On	27.1	24.4	Yes	1,072,000	0	
26	965	On	5.7	24.2	Yes	702,000	0	
27	962	On	21.0	23.1	Yes	919,000	0	
28	962	On	5.9	24.0	Yes	725,000	0	
29	970	On	5.8	23.9	Yes	721,000	0	
30	969	On	6.1	24.2	Yes	555,000	0	
31	971	On	5.9	23.6	Yes	549,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 4/7/2022

Notes: * Thurston Well 2 Off