


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 / 2024

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	0.064	0.064	0.061	0.062	0.062	0.062	0.083	988
2	On	0.062	0.062	0.061	0.057	0.062	0.062	0.086	981
3	On	0.062	0.062	0.062	0.060	0.062	0.062	0.083	983
4	On	0.062	0.062	0.062	0.062	0.062	0.062	0.062	981
5	On	0.062	0.062	0.066	0.066	0.063	0.063	0.085	975
6	On	0.063	0.063	0.059	0.064	0.065	0.065	0.084	974
7	On	0.065	0.064	0.060	0.064	0.063	0.063	0.086	949
8	On	0.064	0.063	0.063	0.060	0.064	0.064	0.087	975
9	On	0.064	0.064	0.064	0.063	0.063	0.063	0.083	960
10	On	0.063	0.063	0.063	0.064	0.063	0.063	0.079	954
11	On	0.063	0.063	0.063	0.063	0.063	0.063	0.077	962
12	On	0.063	0.063	0.063	0.064	0.065	0.064	0.084	954
13	On	0.064	0.064	0.061	0.059	0.063	0.063	0.084	965
14	On	0.063	0.063	0.062	0.063	0.063	0.063	0.080	953
15	On	0.063	0.063	0.062	0.059	0.056	0.064	0.085	964
16	On	0.064	0.063	0.065	0.065	0.065	0.065	0.082	970
17	On	0.068	0.068	0.064	0.067	0.067	0.067	0.080	959
18	On	0.067	0.067	0.069	0.069	0.066	0.066	0.088	956
19	On	0.066	0.066	0.062	0.059	0.065	0.065	0.085	978
20	On	0.065	0.065	0.065	0.065	0.065	0.065	0.079	978
21	On	0.065	0.062	0.058	0.065	0.065	0.065	0.085	986
22	On	0.065	0.065	0.063	0.074	0.065	0.065	0.084	969
23	On	0.065	0.065	0.061	0.059	0.065	0.065	0.085	978
24	On	0.065	0.065	0.065	0.063	0.065	0.066	0.083	978
25	On	0.066	0.066	0.065	0.066	0.066	0.066	0.081	977
26	On	0.066	0.066	0.066	0.067	0.066	0.066	0.081	964
27	On	0.066	0.066	0.066	0.066	0.066	0.066	0.077	951
28	On	0.062	0.059	0.084	0.066	0.066	0.067	0.088	955
29	On	0.066	0.064	0.061	0.059	0.068	0.068	0.092	957


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: 3/7/2024
		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 = 6.80 Achieved = 43.85	

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 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 9.93%				
Minimum Validated UVT: 97.2%			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	988	On	28.1	23.8	Yes	888,000	0	
2	981	On	6.7	23.8	Yes	663,000	0	
3	983	On	6.6	23.0	Yes	870,000	0	
4	981	On	28.5	24.1	Yes	1,398,000	0	
5	975	On	6.6	24.5	Yes	760,000	0	
6	974	On	6.1	23.0	Yes	866,000	0	
7	949	On	6.3	23.7	Yes	750,000	0	
8	975	On	29.4	24.5	Yes	585,000	0	
9	960	On	6.3	23.7	Yes	586,000	0	
10	954	On	6.4	23.7	Yes	905,000	0	
11	962	On	6.4	23.7	Yes	986,000	0	
12	954	On	6.1	23.6	Yes	711,000	0	
13	965	On	28.6	23.9	Yes	591,000	0	
14	953	On	6.4	24.1	Yes	858,000	0	
15	964	On	6.3	23.8	Yes	670,000	0	
16	970	On	6.3	23.8	Yes	680,000	0	
17	959	On	6.2	23.6	Yes	708,000	0	
18	956	On	6.4	23.8	Yes	666,000	0	
19	978	On	29.2	24.6	Yes	690,000	0	
20	978	On	6.8	23.7	Yes	1,051,000	0	
21	986	On	6.7	23.9	Yes	772,000	0	
22	969	On	6.7	24.0	Yes	815,000	0	
23	978	On	28.2	24.1	Yes	601,000	0	
24	978	On	6.5	24.0	Yes	831,000	0	
25	977	On	6.4	23.9	Yes	963,000	0	
26	964	On	6.2	23.5	Yes	794,000	0	
27	951	On	6.3	23.7	Yes	595,000	0	
28	955	On	6.3	23.6	Yes	818,000	0	
29	957	On	6.6	22.8	Yes	587,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 3/7/2024

Notes: * Thurston Well 2 Off