


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 12 / 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	0.023	0.022	0.023	0.023	0.023	0.022	0.055	965
2	On	0.022	0.022	0.023	0.023	0.022	0.022	0.058	963
3	On	0.021	0.022	0.022	0.022	0.022	0.021	0.052	960
4	On	0.021	0.021	0.022	0.022	0.022	0.021	0.059	959
5	On	0.021	0.021	0.021	0.021	0.021	0.021	0.058	951
6	On	0.020	0.021	0.021	0.021	0.021	0.021	0.060	960
7	On	0.020	0.021	0.021	0.020	0.059	0.021	0.060	961
8	On	0.020	0.021	0.021	0.022	0.021	0.021	0.051	961
9	On	0.021	0.020	0.020	0.031	0.021	0.019	0.048	966
10	On	0.020	0.020	0.020	0.020	0.021	0.019	0.046	961
11	On	0.019	0.020	0.020	0.019	0.020	0.020	0.020	961
12	On	0.020	0.020	0.020	0.020	0.021	0.021	0.059	958
13	On	0.020	0.020	0.020	0.020	0.020	0.019	0.042	962
14	On	0.019	0.020	0.021	0.022	0.022	0.022	0.046	972
15	On	0.022	0.022	0.022	0.021	0.024	0.023	0.053	976
16	On	0.023	0.023	0.023	0.027	0.025	0.026	0.050	989
17	On	0.026	0.027	0.026	0.037	0.031	0.031	0.059	994
18	On	0.031	0.032	0.030	0.056	0.032	0.030	0.070	989
19	On	0.029	0.028	0.027	0.026	0.029	0.027	0.063	993
20	On	0.026	0.026	0.024	0.025	0.026	0.026	0.058	986
21	On	0.027	0.024	0.024	0.026	0.024	0.023	0.052	997
22	On	0.023	0.023	0.023	0.026	0.023	0.022	0.049	985
23	On	0.023	0.024	0.023	0.023	0.022	0.022	0.079	988
24	On	0.022	0.023	0.024	0.026	0.028	0.029	0.043	981
25	On	0.028	0.028	0.026	0.041	0.032	0.031	0.070	968
26	On	0.029	0.029	0.028	0.036	0.035	0.036	0.069	987
27	On	0.037	0.034	0.031	0.028	0.049	0.048	0.083	985
28	On	0.045	0.045	0.039	0.034	0.049	0.048	0.079	983
29	On	0.047	0.043	0.039	0.034	0.056	0.076	0.090	995
30	On	0.090	0.096	0.091	0.090	0.082	0.082	0.147	1,008
31	On	0.078	0.074	0.069	0.064	0.055	0.057	0.105	989


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: 1/7/2025
		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 = 6.40 Achieved = 51.56	

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: 12 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 9.98%				
Minimum Validated UVT: 97.7%			Min. UV Dose achieved/intended this month: 22.7 / 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	965	On	6.2	24.4	Yes	911,000	0	
2	963	On	6.1	24.3	Yes	954,000	0	
3	960	On	6.0	24.2	Yes	972,000	0	
4	959	On	6.0	24.4	Yes	662,000	0	
5	951	On	6.1	24.6	Yes	661,000	0	
6	960	On	26.7	24.4	Yes	565,000	0	
7	961	On	6.1	24.0	Yes	546,000	0	
8	961	On	6.1	24.2	Yes	921,000	0	
9	966	On	6.0	22.7	Yes	976,000	0	
10	961	On	6.0	23.3	Yes	1,037,000	0	
11	961	On	26.1	23.7	Yes	1,364,000	0	
12	958	On	6.1	23.9	Yes	851,000	0	
13	962	On	6.2	24.2	Yes	981,000	0	
14	972	On	6.0	24.2	Yes	1,047,000	0	
15	976	On	6.1	23.1	Yes	914,000	0	
16	989	On	6.0	23.6	Yes	1,117,000	0	
17	994	On	6.9	25.1	Yes	1,063,000	0	
18	989	On	6.1	25.0	Yes	1,005,000	0	
19	993	On	6.1	25.0	Yes	832,000	0	
20	986	On	6.1	23.7	Yes	556,000	0	
21	997	On	7.2	23.2	Yes	972,000	0	
22	985	On	6.8	24.3	Yes	917,000	0	
23	988	On	6.5	23.8	Yes	1,074,000	0	
24	981	On	7.7	24.0	Yes	941,000	0	
25	968	On	8.1	24.2	Yes	507,000	0	
26	987	On	26.5	24.0	Yes	798,000	0	
27	985	On	8.0	24.1	Yes	610,000	0	
28	983	On	8.1	24.3	Yes	874,000	0	
29	995	On	8.4	24.1	Yes	718,000	0	
30	1,008	On	7.8	24.5	Yes	974,000	0	
31	989	On	7.0	24.3	Yes	808,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 1/7/2025

Notes: * Thurston Well 2 Off