


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 4 / 2021

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	0.031	0.030	0.030	0.029	0.033	0.033	0.093	1,069
2	On	0.033	0.034	0.033	0.034	0.033	0.033	0.046	1,092
3	On	0.033	0.033	0.032	0.030	0.033	0.034	0.049	1,091
4	On	0.034	0.033	0.033	0.031	0.034	0.034	0.049	1,087
5	On	0.034	0.033	0.033	0.034	0.034	0.033	0.048	1,086
6	On	0.034	0.034	0.033	0.034	0.032	0.032	0.057	1,100
7	On	0.032	0.032	0.030	0.028	0.032	0.033	0.061	1,097
8	On	0.032	0.032	0.031	0.033	0.032	0.032	0.054	1,092
9	On	0.032	0.032	0.032	0.031	0.033	0.033	0.064	1,099
10	On	0.033	0.033	0.032	0.031	0.033	0.033	0.058	1,098
11	On	0.033	0.033	0.032	0.032	0.032	0.032	0.052	1,094
12	On	0.032	0.032	0.031	0.033	0.032	0.032	0.058	1,092
13	On	0.032	0.032	0.031	0.034	0.032	0.032	0.061	1,086
14	On	0.032	0.032	0.031	0.029	0.032	0.032	0.072	1,082
15	On	0.032	0.032	0.030	0.033	0.031	0.031	0.059	1,089
16	On	0.031	0.031	0.029	0.034	0.032	0.032	0.067	1,081
17	On	0.032	0.032	0.031	0.031	0.031	0.031	0.056	1,080
18	On	0.031	0.031	0.032	0.032	0.031	0.031	0.061	1,085
19	On	0.032	0.032	0.031	0.032	0.032	0.032	0.066	1,082
20	On	0.032	0.032	0.030	0.032	0.031	0.032	0.064	1,091
21	On	0.032	0.031	0.029	0.032	0.032	0.031	0.066	1,099
22	On	0.032	0.031	0.030	0.033	0.032	0.032	0.070	1,104
23	On	0.032	0.032	0.031	0.032	0.032	0.032	0.067	1,099
24	On	0.032	0.032	0.031	0.033	0.032	0.032	0.072	1,093
25	On	0.032	0.032	0.031	0.033	0.032	0.032	0.067	1,093
26	On	0.032	0.032	0.032	0.032	0.032	0.032	0.056	1,097
27	On	0.032	0.032	0.032	0.033	0.033	0.032	0.050	1,082
28	On	0.033	0.032	0.032	0.032	0.033	0.032	0.033	1,082
29	On	0.033	0.032	0.032	0.032	0.033	0.032	0.033	1,077
30	On	0.033	0.032	0.032	0.032	0.033	0.033	0.077	1,077


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: 5/7/2021
	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 = 31.17

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: 4 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.46%				
Minimum Validated UVT: 98.6%			Min. UV Dose achieved/intended this month: 23.2 / 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	1,069	On	5.9	23.6	Yes	497,000	0	
2	1,092	On	5.9	24.8	Yes	1,165,000	0	
3	1,091	On	6.0	23.7	Yes	926,000	0	
4	1,087	On	6.1	23.7	Yes	1,041,000	0	
5	1,086	On	5.9	23.6	Yes	1,217,000	0	
6	1,100	On	6.1	24.3	Yes	1,164,000	0	
7	1,097	On	6.2	24.0	Yes	901,000	0	
8	1,092	On	6.5	23.7	Yes	1,165,000	0	
9	1,099	On	5.9	24.6	Yes	820,000	0	
10	1,098	On	5.9	24.2	Yes	1,053,000	0	
11	1,094	On	5.8	23.7	Yes	1,310,000	0	
12	1,092	On	5.8	24.1	Yes	1,220,000	0	
13	1,086	On	5.5	24.3	Yes	1,011,000	0	
14	1,082	On	5.8	24.0	Yes	892,000	0	
15	1,089	On	5.8	23.7	Yes	947,000	0	
16	1,081	On	5.8	23.6	Yes	899,000	0	
17	1,080	On	5.9	23.2	Yes	1,207,000	0	
18	1,085	On	29.0	24.5	Yes	1,234,000	0	
19	1,082	On	5.8	23.7	Yes	1,227,000	0	
20	1,091	On	5.6	23.8	Yes	1,169,000	0	
21	1,099	On	5.5	23.7	Yes	1,001,000	0	
22	1,104	On	5.5	23.6	Yes	1,023,000	0	
23	1,099	On	5.4	23.6	Yes	1,212,000	0	
24	1,093	On	5.3	23.7	Yes	1,007,000	0	
25	1,093	On	5.4	23.7	Yes	1,104,000	0	
26	1,097	On	5.3	23.2	Yes	1,386,000	0	
27	1,082	On	5.8	24.1	Yes	1,524,000	0	
28	1,082	On	28.5	24.6	Yes	1,479,000	0	
29	1,077	On	26.5	23.5	Yes	1,471,000	0	
30	1,077	On	5.7	23.6	Yes	1,305,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 5/7/2021

Notes: * Thurston Well 2 Off