


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 8 / 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	0.041	0.041	0.041	0.044	0.044	0.044	0.049	928
2	On	0.044	0.044	0.045	0.044	0.044	0.044	0.106	940
3	On	0.044	0.045	0.044	0.044	0.055	0.050	0.093	934
4	On	0.046	0.046	0.046	0.046	0.046	0.046	0.046	950
5	On	0.046	0.046	0.048	0.048	0.048	0.048	0.102	953
6	On	0.048	0.048	0.048	0.048	0.048	0.048	0.048	953
7	On	0.048	0.048	0.048	0.048	0.048	0.048	0.049	956
8	On	0.048	0.048	0.054	0.053	0.053	0.054	0.116	939
9	On	0.054	0.054	0.054	0.054	0.054	0.054	0.096	942
10	On	0.054	0.054	0.054	0.054	0.054	0.054	0.055	936
11	On	0.054	0.054	0.059	0.058	0.058	0.059	0.109	922
12	On	0.059	0.059	0.061	0.061	0.061	0.061	0.104	928
13	On	0.062	0.062	0.062	0.062	0.062	0.062	0.092	934
14	On	0.064	0.064	0.064	0.064	0.064	0.064	0.064	941
15	On	0.064	0.064	0.066	0.066	0.067	0.067	0.109	940
16	On	0.067	0.067	0.068	0.069	0.069	0.077	0.099	933
17	On	0.070	0.069	0.070	0.069	0.069	0.069	0.070	954
18	On	0.070	0.070	0.072	0.072	0.072	0.072	0.113	946
19	On	0.074	0.074	0.074	0.074	0.074	0.111	0.111	935
20	On	0.076	0.075	0.076	0.076	0.076	0.076	0.104	933
21	On	0.076	0.076	0.078	0.078	0.078	0.078	0.122	942
22	On	0.080	0.080	0.080	0.079	0.080	0.079	0.112	934
23	On	0.076	0.076	0.074	0.072	0.072	0.072	0.102	930
24	On	0.071	0.070	0.068	0.068	0.068	0.068	0.091	939
25	On	0.068	0.068	0.068	0.068	0.068	0.068	0.068	921
26	On	0.068	0.068	0.066	0.063	0.062	0.061	0.110	920
27	On	0.060	0.059	0.057	0.054	0.055	0.054	0.098	936
28	On	0.054	0.054	0.055	0.055	0.055	0.049	0.089	937
29	On	0.049	0.049	0.049	0.049	0.049	0.049	0.049	932
30	On	0.049	0.049	0.051	0.051	0.051	0.051	0.094	920
31	On	0.051	0.051	0.052	0.052	0.052	0.052	0.086	932


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: 9/8/2022
		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 = 4.40 Achieved = 32.57	

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: 8 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 11.99%				
Minimum Validated UVT: 98%			Min. UV Dose achieved/intended this month: 22.6 / 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	928	On	23.5	23.7	Yes	1,279,000	0	
2	940	On	5.6	23.7	Yes	1,023,000	0	
3	934	On	5.7	23.9	Yes	1,023,000	0	
4	950	On	24.1	23.6	Yes	1,314,000	0	
5	953	On	5.6	24.0	Yes	1,104,000	0	
6	953	On	26.1	23.7	Yes	1,326,000	0	
7	956	On	24.2	23.6	Yes	1,310,000	0	
8	939	On	5.8	23.6	Yes	979,000	0	
9	942	On	6.0	23.5	Yes	1,033,000	0	
10	936	On	24.2	23.6	Yes	1,280,000	0	
11	922	On	5.6	23.6	Yes	1,042,000	0	
12	928	On	5.6	23.5	Yes	809,000	0	
13	934	On	5.7	23.7	Yes	1,028,000	0	
14	941	On	5.7	22.6	Yes	1,301,000	0	
15	940	On	5.9	23.1	Yes	817,000	0	
16	933	On	5.7	23.5	Yes	900,000	0	
17	954	On	6.3	23.5	Yes	1,280,000	0	
18	946	On	5.8	23.6	Yes	670,000	0	
19	935	On	6.4	23.6	Yes	1,042,000	0	
20	933	On	5.8	23.1	Yes	738,000	0	
21	942	On	6.1	23.6	Yes	770,000	0	
22	934	On	5.8	23.6	Yes	1,046,000	0	
23	930	On	5.7	23.6	Yes	907,000	0	
24	939	On	6.4	23.5	Yes	1,119,000	0	
25	921	On	24.6	24.0	Yes	1,292,000	0	
26	920	On	5.8	23.5	Yes	1,068,000	0	
27	936	On	5.9	23.6	Yes	970,000	0	
28	937	On	25.1	23.6	Yes	1,110,000	0	
29	932	On	24.1	23.6	Yes	1,285,000	0	
30	920	On	5.7	23.6	Yes	1,112,000	0	
31	932	On	5.8	23.6	Yes	1,092,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 9/8/2022

Notes: * Thurston Well 2 Off