


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 / 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	0.046	0.046	0.046	0.049	0.048	0.048	0.080	943
2	On	0.047	0.047	0.047	0.047	0.048	0.048	0.206	954
3	On	0.048	0.047	0.047	0.110	0.048	0.048	0.159	943
4	On	0.048	0.048	0.047	0.049	0.049	0.049	0.084	930
5	On	0.049	0.049	0.049	0.050	0.049	0.049	0.076	935
6	On	0.049	0.049	0.050	0.050	0.050	0.049	0.077	946
7	On	0.049	0.049	0.051	0.051	0.051	0.051	0.071	944
8	On	0.051	0.051	0.051	0.051	0.057	0.054	0.093	986
9	On	0.052	0.052	0.052	0.052	0.052	0.052	0.062	1,008
10	On	0.052	0.052	0.052	0.053	0.053	0.052	0.069	1,012
11	On	0.053	0.053	0.053	0.053	0.053	0.053	0.053	1,010
12	On	0.053	0.058	0.054	0.054	0.054	0.054	0.068	1,024
13	On	0.054	0.054	0.058	0.058	0.058	0.058	0.078	1,014
14	On	0.058	0.057	0.057	0.059	0.058	0.057	0.076	972
15	On	0.057	0.056	0.056	0.056	0.057	0.056	0.081	979
16	On	0.056	0.056	0.056	0.056	0.056	0.056	0.066	974
17	On	0.056	0.057	0.057	0.056	0.056	0.056	0.073	984
18	On	0.056	0.059	0.057	0.056	0.056	0.056	0.077	987
19	On	0.056	0.056	0.056	0.055	0.055	0.055	0.075	987
20	On	0.055	0.055	0.059	0.059	0.059	0.059	0.077	987
21	On	0.059	0.057	0.055	0.059	0.059	0.059	0.088	975
22	On	0.059	0.058	0.056	0.055	0.059	0.059	0.086	989
23	On	0.058	0.058	0.058	0.057	0.060	0.060	0.074	982
24	On	0.060	0.060	0.059	0.060	0.060	0.060	0.060	976
25	On	0.059	0.059	0.059	0.061	0.061	0.060	0.087	969
26	On	0.059	0.058	0.057	0.061	0.061	0.060	0.092	982
27	On	0.060	0.059	0.058	0.057	0.061	0.061	0.089	975
28	On	0.060	0.060	0.059	0.059	0.061	0.061	0.084	975
29	On	0.060	0.060	0.059	0.058	0.061	0.061	0.089	975
30	On	0.061	0.061	0.060	0.059	0.061	0.061	0.081	990
31	On	0.061	0.061	0.061	0.076	0.062	0.061	0.077	988
Natural Filtration					Monthly UV Summary				
95% of turbidity readings \leq 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: 1/5/2022	
					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 = 6.40 Achieved = 31.24	

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 / 2021

Minimum UVT [%] during month: N/A			Duty Sensor variation from reference sensor: 13.92%					
Minimum Validated UVT: 97.6%			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	943	On	6.2	23.7	Yes	944,000	0	
2	954	On	6.2	23.6	Yes	826,000	0	
3	943	On	6.2	23.5	Yes	1,036,000	0	
4	930	On	5.7	23.6	Yes	900,000	0	
5	935	On	5.7	24.3	Yes	1,134,000	0	
6	946	On	5.6	24.1	Yes	1,044,000	0	
7	944	On	6.1	22.8	Yes	1,056,000	0	
8	986	On	6.1	24.4	Yes	948,000	0	
9	1,008	On	5.7	24.8	Yes	1,426,000	0	
10	1,012	On	5.7	23.7	Yes	1,017,000	0	
11	1,010	On	21.6	22.8	Yes	1,449,000	0	
12	1,024	On	5.6	23.4	Yes	1,248,000	0	
13	1,014	On	5.5	23.6	Yes	1,039,000	0	
14	972	On	6.2	23.6	Yes	956,000	0	
15	979	On	6.1	23.7	Yes	740,000	0	
16	974	On	6.0	23.2	Yes	1,251,000	0	
17	984	On	6.7	23.6	Yes	1,095,000	0	
18	987	On	6.6	24.8	Yes	1,161,000	0	
19	987	On	28.2	24.8	Yes	1,112,000	0	
20	987	On	6.5	24.9	Yes	1,179,000	0	
21	975	On	25.5	23.7	Yes	894,000	0	
22	989	On	6.6	23.6	Yes	785,000	0	
23	982	On	6.5	23.5	Yes	1,114,000	0	
24	976	On	27.9	24.8	Yes	1,391,000	0	
25	969	On	6.0	23.6	Yes	733,000	0	
26	982	On	23.0	23.6	Yes	764,000	0	
27	975	On	6.0	24.4	Yes	687,000	0	
28	975	On	6.0	23.6	Yes	800,000	0	
29	975	On	6.0	23.1	Yes	741,000	0	
30	990	On	6.0	23.9	Yes	966,000	0	
31	988	On	6.4	23.6	Yes	1,101,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton		Signature: 			Cert #: D6098/T6098		Date: 1/5/2022	

Notes: * Thurston Well 2 Off