


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 9 / 2023

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	0.061	0.065	0.062	0.061	0.061	0.061	0.104	948
2	On	0.061	0.063	0.063	0.062	0.062	0.062	0.097	943
3	On	0.062	0.066	0.064	0.064	0.063	0.063	0.095	947
4	On	0.064	0.064	0.064	0.064	0.064	0.064	0.088	953
5	On	0.064	0.064	0.065	0.065	0.066	0.066	0.097	938
6	On	0.066	0.066	0.066	0.067	0.066	0.066	0.096	937
7	On	0.067	0.066	0.066	0.066	0.067	0.067	0.094	949
8	On	0.068	0.067	0.067	0.067	0.067	0.067	0.074	943
9	On	0.067	0.067	0.068	0.067	0.067	0.068	0.075	932
10	On	0.069	0.068	0.069	0.069	0.068	0.068	0.105	939
11	On	0.069	0.068	0.069	0.069	0.069	0.069	0.113	928
12	On	0.069	0.069	0.069	0.069	0.069	0.069	0.069	949
13	On	0.069	0.069	0.069	0.070	0.071	0.071	0.096	936
14	On	0.071	0.070	0.070	0.070	0.070	0.071	0.071	926
15	On	0.071	0.070	0.070	0.070	0.070	0.071	0.213	918
16	On	0.074	0.072	0.072	0.072	0.072	0.072	0.074	904
17	On	0.072	0.072	0.074	0.073	0.073	0.073	0.112	924
18	On	0.073	0.073	0.074	0.073	0.073	0.074	0.106	923
19	On	0.074	0.074	0.074	0.074	0.074	0.074	0.108	923
20	On	0.074	0.074	0.076	0.075	0.075	0.074	0.097	943
21	On	0.075	0.075	0.075	0.075	0.075	0.075	0.097	938
22	On	0.080	0.076	0.076	0.075	0.075	0.076	0.092	944
23	On	0.076	0.076	0.076	0.076	0.076	0.076	0.103	947
24	On	0.076	0.076	0.102	0.077	0.076	0.076	0.102	930
25	On	0.076	0.076	0.077	0.077	0.077	0.077	0.104	940
26	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
27	On	0.077	0.077	0.077	0.081	0.078	0.078	0.117	904
28	On	0.078	0.078	0.078	0.078	0.078	0.082	0.121	928
29	On	0.079	0.079	0.079	0.079	0.079	0.079	0.105	931
30	On	0.079	0.079	0.079	0.079	0.079	0.079	0.101	924


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: 10/1/2023
		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 = 34.44	

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: 9 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 11.95%				
Minimum Validated UVT: 99.4%				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	948	On	6.5	23.6	Yes	526,000	0	
2	943	On	6.6	23.7	Yes	674,000	0	
3	947	On	6.5	23.7	Yes	735,000	0	
4	953	On	24.3	23.6	Yes	1,303,000	0	
5	938	On	6.3	23.1	Yes	851,000	0	
6	937	On	6.5	23.7	Yes	1,253,000	0	
7	949	On	6.3	23.5	Yes	1,037,000	0	
8	943	On	20.1	22.9	Yes	1,326,000	0	
9	932	On	24.8	23.8	Yes	1,312,000	0	
10	939	On	6.3	23.7	Yes	1,043,000	0	
11	928	On	6.4	23.7	Yes	1,030,000	0	
12	949	On	23.3	23.6	Yes	1,317,000	0	
13	936	On	6.2	23.6	Yes	1,298,000	0	
14	926	On	24.6	23.7	Yes	1,291,000	0	
15	918	On	6.5	24.1	Yes	1,290,000	0	
16	904	On	25.9	23.9	Yes	1,294,000	0	
17	924	On	6.4	23.1	Yes	1,092,000	0	
18	923	On	6.5	22.8	Yes	1,000,000	0	
19	923	On	6.3	23.6	Yes	636,000	0	
20	943	On	6.2	23.6	Yes	999,000	0	
21	938	On	6.4	23.5	Yes	985,000	0	
22	944	On	6.5	23.6	Yes	1,166,000	0	
23	947	On	6.5	23.7	Yes	953,000	0	
24	930	On	6.6	23.8	Yes	558,000	0	
25	940	On	6.6	23.7	Yes	699,000	0	
26	952	On	6.5	25.0	Yes	340,000	0	
27	904	On	6.6	23.6	Yes	242,000	0	
28	928	On	27.4	25.3	Yes	281,000	0	
29	931	On	6.2	23.6	Yes	725,000	0	
30	924	On	6.2	23.5	Yes	924,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 10/1/2023

Notes: * Thurston Well 2 Off