


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 1 / 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	0.035	0.033	0.031	0.028	0.034	0.034	0.052	971
2	On	0.034	0.034	0.034	0.033	0.035	0.034	0.054	972
3	On	0.035	0.034	0.034	0.033	0.035	0.034	0.052	964
4	On	0.034	0.034	0.034	0.034	0.047	0.036	0.051	960
5	On	0.035	0.036	0.036	0.036	0.036	0.036	0.049	954
6	On	0.036	0.034	0.046	0.036	0.036	0.036	0.054	962
7	On	0.036	0.033	0.030	0.042	0.040	0.040	0.063	949
8	On	0.040	0.039	0.037	0.040	0.039	0.039	0.061	964
9	On	0.039	0.039	0.045	0.041	0.042	0.042	0.066	963
10	On	0.043	0.043	0.043	0.043	0.054	0.052	0.075	979
11	On	0.051	0.050	0.049	0.048	0.047	0.046	0.064	976
12	On	0.046	0.045	0.044	0.044	0.045	0.045	0.059	973
13	On	0.046	0.045	0.044	0.054	0.049	0.045	0.059	973
14	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
15	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
16	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
17	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
18	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
19	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
20	On	0.044	0.044	0.045	0.094	0.059	0.060	0.200	980
21	On	0.060	0.059	0.054	0.053	0.053	0.053	0.091	994
22	On	0.053	0.053	0.053	0.052	0.052	0.052	0.078	981
23	On	0.052	0.052	0.052	0.052	0.052	0.052	0.076	979
24	On	0.052	0.052	0.052	0.053	0.053	0.053	0.074	983
25	On	0.053	0.053	0.053	0.054	0.054	0.054	0.073	968
26	On	0.054	0.054	0.053	0.055	0.055	0.055	0.077	977
27	On	0.055	0.055	0.055	0.062	0.062	0.062	0.082	977
28	On	0.071	0.071	0.071	0.066	0.066	0.066	0.089	974
29	On	0.066	0.066	0.066	0.065	0.065	0.065	0.087	987
30	On	0.065	0.065	0.065	0.066	0.065	0.065	0.110	990
31	On	0.066	0.065	0.059	0.054	0.064	0.064	0.086	991


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: 2/6/2024
		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 = 33.45	

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: 1 / 2024

Minimum UVT [%] during month: N/A					Duty Sensor variation from reference sensor: 10.83%				
Minimum Validated UVT: 95.6%			Min. UV Dose achieved/intended this month: 15.8 / 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	971	On	28.1	25.1	Yes	671,000	0		
2	972	On	6.7	24.6	Yes	824,000	0		
3	964	On	6.5	23.8	Yes	955,000	0		
4	960	On	6.1	23.9	Yes	1,063,000	0		
5	954	On	6.1	24.0	Yes	994,000	0		
6	962	On	6.2	23.3	Yes	739,000	0		
7	949	On	21.8	22.9	Yes	735,000	0		
8	964	On	6.1	23.5	Yes	911,000	0		
9	963	On	5.9	15.8	Yes	1,026,000	0		
10	979	On	6.2	23.4	Yes	930,000	0		
11	976	On	6.3	24.6	Yes	839,000	0		
12	973	On	6.4	24.1	Yes	840,000	0		
13	973	On	6.4	24.1	Yes	343,800	0		
14	Off*	Off*	Off*	Off*	Off*	Off*	Off*		
15	Off*	Off*	Off*	Off*	Off*	Off*	Off*		
16	Off*	Off*	Off*	Off*	Off*	Off*	Off*		
17	Off*	Off*	Off*	Off*	Off*	Off*	Off*		
18	Off*	Off*	Off*	Off*	Off*	Off*	Off*		
19	Off*	Off*	Off*	Off*	Off*	Off*	Off*		
20	980	On	6.5	24.3	Yes	649,000	0		
21	994	On	27.6	24.1	Yes	775,000	0		
22	981	On	6.5	23.9	Yes	862,000	0		
23	979	On	6.6	23.7	Yes	800,000	0		
24	983	On	6.1	23.1	Yes	878,000	0		
25	968	On	6.2	23.6	Yes	990,000	0		
26	977	On	28.9	24.0	Yes	768,000	0		
27	977	On	6.3	23.8	Yes	1,111,000	0		
28	974	On	6.2	23.7	Yes	896,000	0		
29	987	On	6.1	23.0	Yes	954,000	0		
30	990	On	6.0	23.8	Yes	947,000	0		
31	991	On	6.5	23.8	Yes	630,000	0		
Monthly Cumulative % Off-Spec Water Produced								0.00%	
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 2/6/2024	

Notes: * Thurston Well 2 Off