


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 / 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	0.041	0.041	0.042	0.043	0.043	0.043	0.262	940
2	On	0.043	0.043	0.043	0.046	0.046	0.046	0.072	939
3	On	0.044	0.042	0.041	0.046	0.046	0.046	0.067	938
4	On	0.045	0.042	0.041	0.029	0.027	0.035	0.060	949
5	On	0.035	0.034	0.032	0.031	0.036	0.035	0.052	956
6	On	0.034	0.033	0.034	0.034	0.034	0.032	0.046	956
7	On	0.035	0.034	0.038	0.035	0.035	0.035	0.043	957
8	On	0.033	0.031	0.030	0.036	0.036	0.036	0.056	932
9	On	0.035	0.033	0.031	0.037	0.035	0.034	0.052	954
10	On	0.034	0.032	0.031	0.035	0.035	0.035	0.049	949
11	On	0.035	0.033	0.031	0.030	0.038	0.038	0.049	928
12	On	0.038	0.036	0.034	0.032	0.038	0.038	0.054	950
13	On	0.037	0.038	0.037	0.036	0.045	0.037	0.047	947
14	On	0.037	0.036	0.034	0.036	0.036	0.036	0.048	935
15	On	0.035	0.033	0.031	0.036	0.036	0.035	0.053	919
16	On	0.033	0.036	0.036	0.042	0.036	0.036	0.048	947
17	On	0.035	0.033	0.036	0.036	0.036	0.036	0.049	923
18	On	0.035	0.033	0.032	0.031	0.036	0.036	0.056	956
19	On	0.036	0.035	0.036	0.036	0.036	0.037	0.045	960
20	On	0.037	0.036	0.034	0.033	0.037	0.037	0.049	940
21	On	0.036	0.034	0.032	0.038	0.038	0.038	0.052	960
22	On	0.038	0.038	0.039	0.040	0.040	0.039	0.051	947
23	On	0.037	0.034	0.033	0.039	0.039	0.039	0.058	946
24	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
25	On	0.028	0.028	0.028	0.028	0.047	0.033	0.082	947
26	On	0.033	0.033	0.030	0.028	0.033	0.033	0.058	945
27	On	0.033	0.033	0.033	0.032	0.032	0.033	0.033	930
28	On	0.032	0.029	0.026	0.033	0.033	0.034	0.061	945
29	On	0.034	0.032	0.029	0.034	0.034	0.034	0.057	937
30	On	0.033	0.034	0.034	0.050	0.034	0.034	0.052	938


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: 5/8/2023
	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 = 7.20 Achieved = 39.21

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 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 11.88%				
Minimum Validated UVT: 99%			Min. UV Dose achieved/intended this month: 23.0 / 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	940	On	5.8	24.4	Yes	1,029,000	0	
2	939	On	5.8	23.6	Yes	788,000	0	
3	938	On	5.8	23.9	Yes	668,000	0	
4	949	On	20.2	23.0	Yes	345,000	0	
5	956	On	5.9	23.6	Yes	618,000	0	
6	956	On	5.9	24.9	Yes	696,000	0	
7	957	On	5.9	23.5	Yes	670,000	0	
8	932	On	5.9	23.6	Yes	639,000	0	
9	954	On	6.1	24.7	Yes	627,000	0	
10	949	On	5.9	23.6	Yes	636,000	0	
11	928	On	5.8	23.9	Yes	557,000	0	
12	950	On	5.8	24.4	Yes	590,000	0	
13	947	On	6.1	23.9	Yes	910,000	0	
14	935	On	5.5	24.1	Yes	640,000	0	
15	919	On	5.8	24.4	Yes	366,000	0	
16	947	On	5.8	24.4	Yes	874,000	0	
17	923	On	5.8	23.0	Yes	792,000	0	
18	956	On	6.1	24.8	Yes	481,000	0	
19	960	On	5.9	23.7	Yes	882,000	0	
20	940	On	6.0	23.6	Yes	441,000	0	
21	960	On	27.8	25.3	Yes	867,000	0	
22	947	On	5.9	23.1	Yes	692,000	0	
23	946	On	6.0	23.6	Yes	575,000	0	
24	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
25	947	On	24.8	23.9	Yes	477,000	0	
26	945	On	5.9	23.6	Yes	687,000	0	
27	930	On	5.9	23.4	Yes	1,190,000	0	
28	945	On	27.2	24.1	Yes	889,000	0	
29	937	On	5.9	23.6	Yes	778,000	0	
30	938	On	5.6	24.0	Yes	1,010,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 5/8/2023

Notes: * Thurston Well 2 Off