


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 10 / 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	0.045	0.045	0.048	0.045	0.045	0.046	0.094	930
2	On	0.045	0.045	0.048	0.046	0.046	0.046	0.087	937
3	On	0.046	0.046	0.048	0.054	0.047	0.047	0.083	940
4	On	0.047	0.047	0.048	0.048	0.048	0.049	0.072	942
5	On	0.048	0.049	0.049	0.031	0.032	0.032	0.067	956
6	On	0.032	0.031	0.031	0.031	0.031	0.031	0.054	938
7	On	0.032	0.032	0.035	0.031	0.031	0.032	0.047	953
8	On	0.032	0.032	0.032	0.031	0.031	0.032	0.054	936
9	On	0.032	0.032	0.033	0.032	0.032	0.032	0.062	947
10	On	0.032	0.032	0.033	0.032	0.032	0.032	0.061	938
11	On	0.032	0.032	0.032	0.032	0.032	0.032	0.065	949
12	On	0.032	0.032	0.032	0.032	0.032	0.032	0.057	944
13	On	0.032	0.032	0.032	0.032	0.032	0.031	0.032	936
14	On	0.032	0.032	0.033	0.032	0.031	0.032	0.067	933
15	On	0.032	0.032	0.033	0.032	0.032	0.032	0.064	928
16	On	0.032	0.032	0.032	0.032	0.032	0.032	0.064	929
17	On	0.032	0.032	0.032	0.032	0.032	0.032	0.065	931
18	On	0.032	0.031	0.031	0.032	0.032	0.031	0.064	947
19	On	0.031	0.031	0.035	0.031	0.031	0.031	0.064	950
20	On	0.032	0.031	0.031	0.031	0.031	0.031	0.051	944
21	On	0.031	0.031	0.031	0.031	0.031	0.031	0.064	933
22	On	0.031	0.031	0.031	0.033	0.031	0.031	0.068	936
23	On	0.031	0.031	0.031	0.036	0.031	0.031	0.070	928
24	On	0.031	0.031	0.031	0.031	0.031	0.031	0.067	955
25	On	0.031	0.031	0.031	0.031	0.031	0.031	0.054	935
26	On	0.030	0.031	0.031	0.034	0.031	0.031	0.056	944
27	On	0.031	0.031	0.031	0.031	0.031	0.031	0.031	911
28	On	0.031	0.031	0.031	0.032	0.031	0.031	0.085	937
29	On	0.031	0.031	0.031	0.031	0.031	0.031	0.062	922
30	On	0.031	0.031	0.031	0.031	0.031	0.032	0.063	931
31	On	0.031	0.031	0.031	0.031	0.031	0.031	0.122	943


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: 11/4/2022
		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 = 4.80 Achieved = 37.08	

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: 10 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 12.81%				
Minimum Validated UVT: 98.6%			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	930	On	5.9	24.3	Yes	657,000	0	
2	937	On	5.8	23.6	Yes	766,000	0	
3	940	On	25.2	23.6	Yes	963,000	0	
4	942	On	5.4	22.8	Yes	879,000	0	
5	956	On	6.2	22.9	Yes	768,000	0	
6	938	On	6.2	23.6	Yes	1,027,000	0	
7	953	On	6.2	23.0	Yes	1,158,000	0	
8	936	On	5.9	23.6	Yes	943,000	0	
9	947	On	6.2	23.6	Yes	888,000	0	
10	938	On	6.3	23.6	Yes	889,000	0	
11	949	On	5.4	23.9	Yes	695,000	0	
12	944	On	20.8	23.0	Yes	817,000	0	
13	936	On	5.3	23.1	Yes	1,233,000	0	
14	933	On	5.3	23.5	Yes	821,000	0	
15	928	On	5.3	23.5	Yes	767,000	0	
16	929	On	23.9	23.8	Yes	910,000	0	
17	931	On	5.5	23.6	Yes	920,000	0	
18	947	On	5.1	23.7	Yes	724,000	0	
19	950	On	6.2	23.6	Yes	634,000	0	
20	944	On	6.0	23.8	Yes	680,000	0	
21	933	On	6.2	23.7	Yes	791,000	0	
22	936	On	6.3	24.4	Yes	508,000	0	
23	928	On	6.2	23.1	Yes	593,000	0	
24	955	On	27.9	25.0	Yes	632,000	0	
25	935	On	5.9	23.7	Yes	1,103,000	0	
26	944	On	5.4	23.2	Yes	980,000	0	
27	911	On	5.0	23.1	Yes	225,000	0	
28	937	On	19.6	23.2	Yes	846,000	0	
29	922	On	5.3	23.5	Yes	826,000	0	
30	931	On	4.9	23.7	Yes	758,000	0	
31	943	On	4.8	23.6	Yes	992,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 11/4/2022

Notes: * Thurston Well 2 Off