


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 7 / 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	0.103	0.102	0.102	0.117	0.105	0.105	0.161	927
2	On	0.105	0.105	0.105	0.105	0.105	0.105	0.106	910
3	On	0.105	0.105	0.104	0.104	0.104	0.104	0.105	939
4	On	0.104	0.104	0.104	0.104	0.104	0.104	0.104	942
5	On	0.104	0.104	0.104	0.038	0.037	0.037	0.107	945
6	On	0.037	0.036	0.038	0.037	0.037	0.037	0.103	946
7	On	0.036	0.036	0.037	0.036	0.036	0.036	0.078	942
8	On	0.036	0.036	0.037	0.036	0.036	0.036	0.079	950
9	On	0.036	0.036	0.036	0.036	0.036	0.036	0.036	953
10	On	0.036	0.036	0.037	0.036	0.036	0.036	0.093	951
11	On	0.036	0.036	0.036	0.036	0.036	0.036	0.087	950
12	On	0.036	0.036	0.037	0.036	0.036	0.036	0.090	941
13	On	0.036	0.036	0.037	0.036	0.036	0.036	0.082	925
14	On	0.036	0.036	0.041	0.035	0.035	0.036	0.085	924
15	On	0.036	0.036	0.036	0.036	0.035	0.036	0.075	940
16	On	0.036	0.036	0.036	0.036	0.035	0.036	0.078	942
17	On	0.036	0.036	0.036	0.035	0.036	0.036	0.036	939
18	On	0.036	0.036	0.036	0.036	0.036	0.036	0.081	917
19	On	0.036	0.036	0.035	0.035	0.038	0.036	0.093	895
20	On	0.036	0.036	0.036	0.035	0.036	0.036	0.080	939
21	On	0.036	0.036	0.036	0.036	0.036	0.036	0.069	941
22	On	0.036	0.036	0.037	0.036	0.036	0.036	0.077	944
23	On	0.036	0.036	0.036	0.036	0.035	0.036	0.074	944
24	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
25	On	0.057	0.055	0.054	0.052	0.051	0.115	0.133	453
26	On	0.080	0.074	0.069	0.066	0.039	0.038	0.096	885
27	On	0.038	0.038	0.038	0.037	0.037	0.037	0.079	924
28	On	0.038	0.037	0.037	0.037	0.037	0.040	0.079	925
29	On	0.039	0.038	0.038	0.038	0.038	0.039	0.039	926
30	On	0.039	0.039	0.041	0.040	0.040	0.040	0.083	922
31	On	0.040	0.040	0.041	0.041	0.041	0.041	0.076	935


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: 8/4/2022
		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 = 5.20 Achieved = 29.14	

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: 7 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 11.58%				
Minimum Validated UVT: 98.6%			Min. UV Dose achieved/intended this month: 22.9 / 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	927	On	5.7	23.6	Yes	1,253,000	0	
2	910	On	24.0	23.7	Yes	1,287,000	0	
3	939	On	23.6	23.6	Yes	1,271,000	0	
4	942	On	23.6	23.6	Yes	1,261,000	0	
5	945	On	5.7	23.0	Yes	1,313,000	0	
6	946	On	5.5	23.7	Yes	1,100,000	0	
7	942	On	7.4	23.4	Yes	1,114,000	0	
8	950	On	5.7	23.7	Yes	1,093,000	0	
9	953	On	19.0	22.9	Yes	1,289,000	0	
10	951	On	5.8	23.6	Yes	1,108,000	0	
11	950	On	5.9	23.2	Yes	1,122,000	0	
12	941	On	5.9	23.0	Yes	1,106,000	0	
13	925	On	5.8	23.5	Yes	1,084,000	0	
14	924	On	5.7	23.7	Yes	918,000	0	
15	940	On	5.8	23.7	Yes	1,141,000	0	
16	942	On	5.6	23.6	Yes	1,018,000	0	
17	939	On	23.6	24.2	Yes	1,301,000	0	
18	917	On	5.5	23.5	Yes	702,000	0	
19	895	On	24.7	24.4	Yes	505,000	0	
20	939	On	5.7	23.5	Yes	994,000	0	
21	941	On	5.7	23.6	Yes	1,118,000	0	
22	944	On	5.7	23.5	Yes	1,030,000	0	
23	944	On	5.7	23.6	Yes	635,000	0	
24	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
25	453	On	5.7	25.1	Yes	23,000	0	
26	885	On	25.3	24.9	Yes	513,000	0	
27	924	On	5.7	23.7	Yes	1,064,000	0	
28	925	On	5.6	23.1	Yes	1,083,000	0	
29	926	On	23.2	23.6	Yes	1,264,000	0	
30	922	On	5.6	23.7	Yes	1,102,000	0	
31	935	On	5.7	23.6	Yes	1,123,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 8/4/2022

Notes: * Thurston Well 2 Off