


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 / 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	0.055	0.055	0.059	0.035	0.034	0.034	0.108	960
2	On	0.034	0.034	0.036	0.035	0.035	0.035	0.089	951
3	On	0.035	0.035	0.036	0.035	0.035	0.035	0.087	947
4	On	0.035	0.034	0.034	0.034	0.034	0.034	0.093	952
5	On	0.051	0.035	0.035	0.034	0.034	0.034	0.060	972
6	On	0.034	0.034	0.034	0.034	0.034	0.034	0.061	965
7	On	0.034	0.034	0.050	0.034	0.034	0.034	0.062	963
8	On	0.034	0.034	0.037	0.034	0.034	0.034	0.087	958
9	On	0.034	0.034	0.037	0.000	0.076	0.024	0.076	964
10	On	0.024	0.023	0.024	0.023	0.021	0.021	0.024	965
11	On	0.022	0.023	0.022	0.022	0.021	0.021	0.093	968
12	On	0.022	0.028	0.022	0.022	0.021	0.021	0.089	956
13	On	0.022	0.022	0.021	0.021	0.021	0.021	0.024	955
14	On	0.022	0.022	0.023	0.022	0.021	0.022	0.089	941
15	On	0.022	0.022	0.023	0.023	0.021	0.022	0.086	966
16	On	0.022	0.023	0.023	0.022	0.021	0.022	0.096	967
17	On	0.022	0.022	0.022	0.021	0.021	0.020	0.097	964
18	On	0.020	0.021	0.021	0.020	0.019	0.019	0.088	960
19	On	0.020	0.020	0.021	0.022	0.020	0.020	0.102	965
20	On	0.021	0.021	0.021	0.024	0.021	0.021	0.098	967
21	On	0.021	0.021	0.022	0.024	0.023	0.024	0.028	938
22	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
23	On	0.023	0.023	0.023	0.023	0.041	0.023	0.308	926
24	On	0.022	0.021	0.023	0.023	0.021	0.021	0.126	946
25	On	0.021	0.021	0.020	0.021	0.021	0.020	0.022	957
26	On	0.020	0.021	0.020	0.021	0.021	0.021	0.021	953
27	On	0.021	0.021	0.021	0.021	0.021	0.021	0.021	947
28	On	0.020	0.021	0.021	0.021	0.020	0.021	0.088	966
29	On	0.020	0.020	0.021	0.020	0.022	0.020	0.095	968
30	On	0.020	0.021	0.067	0.020	0.020	0.020	0.078	976
31	On	0.020	0.020	0.073	0.020	0.020	0.020	0.073	955


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: 11/7/2024	
				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 = 4.80 Achieved = 44.48	

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 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 14.57%				
Minimum Validated UVT: 99.1%				Min. UV Dose achieved/intended this month: 22.6 / 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	960	On	6.1	22.7	Yes	927,000	0	
2	951	On	6.2	22.8	Yes	930,000	0	
3	947	On	24.5	23.5	Yes	1,004,000	0	
4	952	On	6.3	23.7	Yes	855,000	0	
5	972	On	5.9	24.2	Yes	1,331,000	0	
6	965	On	6.2	23.7	Yes	1,078,000	0	
7	963	On	6.3	23.8	Yes	1,078,000	0	
8	958	On	5.9	23.6	Yes	982,000	0	
9	964	On	6.3	22.8	Yes	701,000	0	
10	965	On	26.7	24.0	Yes	1,365,000	0	
11	968	On	6.1	23.8	Yes	1,076,000	0	
12	956	On	6.3	23.9	Yes	1,153,000	0	
13	955	On	27.0	24.9	Yes	1,343,000	0	
14	941	On	6.1	24.9	Yes	1,207,000	0	
15	966	On	6.0	23.9	Yes	1,152,000	0	
16	967	On	6.0	22.6	Yes	1,007,000	0	
17	964	On	6.4	23.6	Yes	942,000	0	
18	960	On	6.2	23.1	Yes	1,048,000	0	
19	965	On	6.5	23.1	Yes	889,000	0	
20	967	On	6.5	23.8	Yes	932,000	0	
21	938	On	6.5	23.7	Yes	163,000	0	
22	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
23	926	On	26.4	24.9	Yes	496,000	0	
24	946	On	6.3	23.1	Yes	763,000	0	
25	957	On	27.4	25.1	Yes	1,354,000	0	
26	953	On	24.9	23.5	Yes	1,337,000	0	
27	947	On	23.5	23.6	Yes	1,311,000	0	
28	966	On	6.1	23.6	Yes	958,000	0	
29	968	On	6.5	24.7	Yes	826,000	0	
30	976	On	6.3	24.4	Yes	1,028,000	0	
31	955	On	6.1	23.7	Yes	1,075,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 11/7/2024

Notes: * Thurston Well 2 Off