


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 11 / 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	0.020	0.020	0.021	0.021	0.021	0.021	0.078	959
2	On	0.021	0.022	0.022	0.024	0.023	0.023	0.085	936
3	On	0.022	0.022	0.022	0.022	0.025	0.025	0.090	954
4	On	0.025	0.024	0.024	0.025	0.024	0.022	0.078	950
5	On	0.023	0.022	0.023	0.023	0.022	0.022	0.079	960
6	On	0.023	0.022	0.022	0.022	0.022	0.021	0.074	961
7	On	0.021	0.021	0.021	0.023	0.021	0.021	0.071	966
8	On	0.021	0.021	0.021	0.021	0.021	0.021	0.022	969
9	On	0.021	0.021	0.021	0.021	0.021	0.021	0.074	971
10	On	0.020	0.021	0.021	0.021	0.021	0.020	0.078	967
11	On	0.021	0.021	0.021	0.026	0.021	0.021	0.091	966
12	On	0.020	0.021	0.021	0.022	0.021	0.021	0.073	966
13	On	0.021	0.021	0.022	0.021	0.021	0.021	0.066	958
14	On	0.021	0.021	0.024	0.024	0.024	0.024	0.069	963
15	On	0.024	0.024	0.036	0.025	0.025	0.024	0.083	953
16	On	0.024	0.026	0.026	0.024	0.023	0.023	0.094	952
17	On	0.023	0.023	0.024	0.030	0.027	0.036	0.087	966
18	On	0.044	0.039	0.062	0.044	0.043	0.041	0.113	958
19	On	0.040	0.037	0.036	0.038	0.034	0.033	0.084	972
20	On	0.032	0.031	0.032	0.031	0.030	0.029	0.078	981
21	On	0.029	0.029	0.031	0.030	0.030	0.029	0.068	970
22	On	0.028	0.026	0.024	0.031	0.030	0.030	0.102	966
23	On	0.030	0.030	0.030	0.031	0.030	0.030	0.089	989
24	On	0.030	0.029	0.029	0.029	0.030	0.029	0.082	979
25	On	0.029	0.028	0.028	0.028	0.028	0.028	0.101	978
26	On	0.028	0.027	0.025	0.028	0.027	0.027	0.061	971
27	On	0.026	0.026	0.026	0.045	0.026	0.025	0.063	963
28	On	0.026	0.025	0.025	0.026	0.025	0.024	0.064	955
29	On	0.024	0.024	0.025	0.024	0.025	0.024	0.070	964
30	On	0.023	0.023	0.024	0.024	0.024	0.023	0.060	965


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: 12/3/2024
		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 = 6.00 Achieved = 52.58	

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: 11 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 14.70%				
Minimum Validated UVT: 98.8%			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	959	On	6.2	23.9	Yes	975,000	0	
2	936	On	6.2	24.5	Yes	958,000	0	
3	954	On	26.1	24.0	Yes	785,000	0	
4	950	On	6.1	24.1	Yes	1,000,000	0	
5	960	On	6.1	24.0	Yes	960,000	0	
6	961	On	6.3	23.1	Yes	1,024,000	0	
7	966	On	6.4	23.7	Yes	1,031,000	0	
8	969	On	6.4	25.2	Yes	1,373,000	0	
9	971	On	21.7	22.8	Yes	1,088,000	0	
10	967	On	6.4	23.0	Yes	836,000	0	
11	966	On	26.1	23.8	Yes	732,000	0	
12	966	On	6.0	23.5	Yes	949,000	0	
13	958	On	6.2	24.9	Yes	1,074,000	0	
14	963	On	6.0	24.1	Yes	1,035,000	0	
15	953	On	6.1	24.4	Yes	677,000	0	
16	952	On	6.1	24.2	Yes	760,000	0	
17	966	On	6.0	24.0	Yes	684,000	0	
18	958	On	25.9	23.6	Yes	964,000	0	
19	972	On	5.9	24.3	Yes	1,027,000	0	
20	981	On	28.1	25.2	Yes	951,000	0	
21	970	On	5.9	23.7	Yes	682,000	0	
22	966	On	6.3	23.6	Yes	676,000	0	
23	989	On	25.9	23.6	Yes	834,000	0	
24	979	On	6.3	24.2	Yes	693,000	0	
25	978	On	5.9	23.6	Yes	1,089,000	0	
26	971	On	6.4	23.1	Yes	1,103,000	0	
27	963	On	6.1	24.1	Yes	915,000	0	
28	955	On	6.0	23.9	Yes	826,000	0	
29	964	On	6.0	24.5	Yes	652,000	0	
30	965	On	6.0	25.1	Yes	848,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 12/3/2024

Notes: * Thurston Well 2 Off