


# Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 10 / 2021


Day	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	0.146	0.116	0.099	0.096	0.108	0.152	0.156	1,908
2	0.143	0.114	0.101	0.096	0.099	0.147	0.152	1,946
3	0.146	0.118	0.099	0.094	0.105	0.156	0.158	2,001
4	0.149	0.125	0.123	0.123	0.084	0.104	0.241	1,872
5	0.081	0.074	0.071	0.069	0.076	0.077	0.091	1,800
6	0.074	0.071	0.069	0.068	0.089	0.118	0.119	2,161
7	0.089	0.070	0.064	0.063	0.066	0.083	0.089	1,750
8	0.074	0.069	0.068	0.066	0.066	0.081	0.120	2,274
9	0.084	0.066	0.062	0.061	0.061	0.096	0.101	1,993
10	0.101	0.083	0.075	0.071	0.072	0.101	0.133	2,041
11	0.097	0.079	0.074	0.072	0.073	0.113	0.118	1,994
12	0.108	0.083	0.077	0.073	0.074	0.114	0.115	1,878
13	0.102	0.081	0.076	0.072	0.072	0.098	0.102	1,855
14	0.098	0.081	0.076	0.073	0.073	0.091	0.098	1,860
15	0.096	0.081	0.081	0.081	0.081	0.084	0.143	2,004
16	0.102	0.088	0.076	0.072	0.072	0.098	0.106	1,880
17	0.099	0.081	0.073	0.069	0.069	0.083	0.101	1,945
18	0.083	0.073	0.070	0.067	0.067	0.075	0.083	1,989
19	0.074	0.070	0.068	0.065	0.065	0.079	0.081	2,056
20	0.081	0.073	0.069	0.066	0.066	0.076	0.083	1,971
21	0.077	0.071	0.068	0.066	0.066	0.080	0.090	2,044
22	0.078	0.071	0.069	0.068	0.067	0.071	0.081	2,135
23	0.076	0.069	0.067	0.066	0.066	0.066	0.083	2,010
24	0.067	0.069	0.068	0.068	0.070	0.070	0.098	2,090
25	0.070	0.071	0.069	0.084	0.096	0.129	0.129	2,051
26	0.127	0.109	0.101	0.098	0.081	0.099	0.127	1,901
27	0.104	0.099	0.094	0.094	0.099	0.148	0.153	1,995
28	0.146	0.119	0.108	0.100	0.106	0.144	0.154	2,180
29	0.153	0.122	0.108	0.102	0.101	0.131	0.153	1,895
30	0.143	0.115	0.106	0.099	0.100	0.136	0.164	2,121
31	0.142	0.113	0.103	0.099	0.101	0.149	0.151	1,907

<b>Slow Sand Filtration</b>		<b>Monthly UV Summary</b>	
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	
		<b>Printed Name:</b> Dave Embleton	
		<b>Signature:</b> 	<b>Date:</b> 11/4/2021
		<b>Phone #:</b> (541) 726-2396	<b>Cert #:</b> 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 <sub>viral</sub> Required = 4.80 Achieved = 51.61	



## Oregon OHA - Drinking Water Services - UV Surface Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 10 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 11.11%			
Minimum Validated UVT: 97.1%			Min. UV Dose achieved/intended this month: 44.3 / 38 mJ/cm <sup>2</sup>				
Day	Peak Hourly Demand Flow [gpm/unit]	Minimum Intensity [mW/cm <sup>2</sup> ]	Minimum Dose [mJ/cm <sup>2</sup> ]	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	1,908	4.7	57.0	Yes	2,676,000	0	
2	1,946	4.8	44.4	Yes	2,691,000	0	
3	2,001	4.7	50.0	Yes	2,685,000	0	
4	1,872	4.7	46.6	Yes	1,565,000	0	
5	1,800	4.8	48.9	Yes	2,482,000	0	
6	2,161	4.8	57.1	Yes	2,079,000	0	
7	1,750	4.7	45.7	Yes	2,368,000	0	
8	2,274	4.6	57.3	Yes	1,893,000	0	
9	1,993	4.6	49.3	Yes	2,601,000	0	
10	2,041	4.6	50.5	Yes	2,621,000	0	
11	1,994	4.7	49.5	Yes	2,596,000	0	
12	1,878	4.6	46.0	Yes	2,593,000	0	
13	1,855	4.5	44.5	Yes	2,583,000	0	
14	1,860	4.5	46.8	Yes	2,585,000	0	
15	2,004	4.6	59.6	Yes	1,218,000	0	
16	1,880	4.6	52.2	Yes	2,600,000	0	
17	1,945	4.7	50.5	Yes	2,676,000	0	
18	1,989	4.7	50.3	Yes	2,709,000	0	
19	2,056	4.7	55.1	Yes	2,733,000	0	
20	1,971	4.7	55.0	Yes	2,689,000	0	
21	2,044	4.8	47.3	Yes	2,753,000	0	
22	2,135	4.8	47.9	Yes	2,782,000	0	
23	2,010	4.8	50.5	Yes	2,733,000	0	
24	2,090	4.5	49.1	Yes	2,720,000	0	
25	2,051	4.3	47.0	Yes	2,664,000	0	
26	1,901	4.2	44.3	Yes	2,513,000	0	
27	1,995	3.8	47.6	Yes	2,494,000	0	
28	2,180	3.9	47.6	Yes	2,772,000	0	
29	1,895	4.1	50.2	Yes	2,578,000	0	
30	2,121	4.3	46.1	Yes	2,157,000	0	
31	1,907	4.3	51.1	Yes	2,516,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 11/4/2021