

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 4 / 2025

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	0.343	0.224	0.165	0.146	0.162	0.338	0.358	2,036
2	0.306	0.206	0.160	0.141	0.156	0.352	0.357	2,008
3	0.311	0.213	0.161	0.145	0.183	0.398	0.410	2,064
4	0.361	0.237	0.171	0.147	0.177	0.379	0.390	1,973
5	0.357	0.239	0.172	0.151	0.179	0.366	0.375	1,897
6	0.343	0.230	0.174	0.154	0.151	0.198	0.343	2,063
7	0.204	0.169	0.149	0.156	0.180	0.308	0.340	1,924
8	0.332	0.259	0.206	0.205	0.207	0.313	0.340	2,197
9	0.327	0.251	0.203	0.184	0.278	0.406	0.421	1,963
10	0.383	0.276	0.196	0.166	0.218	0.289	0.384	2,088
11	0.237	0.181	0.155	0.146	0.159	0.248	0.273	2,012
12	0.262	0.194	0.157	0.146	0.187	0.292	0.308	1,974
13	0.288	0.203	0.159	0.146	0.202	0.324	0.326	1,943
14	0.291	0.205	0.161	0.142	0.200	0.308	0.311	2,064
15	0.288	0.213	0.164	0.144	0.191	0.315	0.324	2,129
16	0.307	0.221	0.164	0.147	0.198	0.344	0.354	2,003
17	0.334	0.248	0.192	0.177	0.243	0.465	0.472	1,912
18	0.411	0.279	0.211	0.186	0.313	0.543	0.544	2,078
19	0.449	0.298	0.228	0.205	0.311	0.561	0.563	2,240
20	0.461	0.303	0.233	0.214	0.366	0.549	0.549	2,029
21	0.407	0.280	0.229	0.211	0.319	0.517	0.528	2,008
22	0.436	0.270	0.203	0.184	0.221	0.278	0.436	2,115
23	0.254	0.205	0.166	0.185	0.322	0.471	0.476	2,205
24	0.446	0.318	0.233	0.203	0.265	0.483	0.513	1,991
25	0.491	0.372	0.296	0.278	0.350	0.466	0.493	2,072
26	0.466	0.335	0.276	0.246	0.313	0.459	0.569	1,955
27	0.553	0.353	0.259	0.233	0.292	0.526	0.589	1,772
28	0.555	0.361	0.266	0.240	0.322	0.592	0.617	1,584
29	0.562	0.357	0.264	0.236	0.266	0.461	0.564	1,553
30	0.476	0.322	0.248	0.268	0.368	0.563	0.579	2,047

Slow Sand Filtration95% of turbidity readings $\leq$ 1 NTU?☒ Yes ☐ No

All turbidity readings < 5 NTU?

☒ Yes ☐ No**Monthly UV Summary**

Is the volume of off-spec water produced less than 5% in the month?

☒ Yes ☐ No

Printed Name: Dave Embleton

Signature: 

Date: 5/5/2025

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 5.94
Achieved = 61.14

Notes: * Willamette Wellfield Off

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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 4 / 2025

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 2.77%			
Minimum Validated UVT: 97.9%			Min. UV Dose achieved/intended this month: 43.4 / 38 mJ/cm²				
Day	Peak Hourly Demand Flow	Minimum Intensity	Minimum Dose	All Lamps On?	Daily Water Produced {A}	Water Outside Validated Conditions {B}	Cumulative Off-Spec Water Produced
	[gpm/unit]	[mW/cm²]	[mJ/cm²]	[Yes/No]	[gal]	[gal]	(({B}/{A}))*100 [%]
1	2,036	3.6	44.8	Yes	2,596,000	0	
2	2,008	3.9	44.6	Yes	2,629,000	0	
3	2,064	3.8	43.6	Yes	2,617,000	0	
4	1,973	3.7	44.3	Yes	2,623,000	0	
5	1,897	8.1	44.2	Yes	2,644,000	0	
6	2,063	4.0	43.4	Yes	2,699,000	0	
7	1,924	4.1	43.9	Yes	2,619,000	0	
8	2,197	4.0	43.4	Yes	2,044,000	0	
9	1,963	3.7	43.9	Yes	2,480,000	0	
10	2,088	3.9	43.7	Yes	2,764,000	0	
11	2,012	4.1	43.9	Yes	2,828,000	0	
12	1,974	3.9	45.0	Yes	2,760,000	0	
13	1,943	8.3	44.6	Yes	2,721,000	0	
14	2,064	4.0	44.1	Yes	2,772,000	0	
15	2,129	4.1	44.6	Yes	2,610,000	0	
16	2,003	4.1	43.5	Yes	2,689,000	0	
17	1,912	3.7	44.0	Yes	2,661,000	0	
18	2,078	3.7	43.4	Yes	2,765,000	0	
19	2,240	3.7	43.4	Yes	2,843,000	0	
20	2,029	3.5	45.0	Yes	2,814,000	0	
21	2,008	3.5	45.0	Yes	2,783,000	0	
22	2,115	3.7	45.8	Yes	2,659,000	0	
23	2,205	3.9	43.8	Yes	2,567,000	0	
24	1,991	3.8	44.5	Yes	2,603,000	0	
25	2,072	3.8	43.6	Yes	2,644,000	0	
26	1,955	3.6	45.4	Yes	2,482,000	0	
27	1,772	3.7	46.7	Yes	2,323,000	0	
28	1,584	3.7	46.2	Yes	2,091,000	0	
29	1,553	3.5	45.1	Yes	2,095,000	0	
30	2,047	3.5	43.5	Yes	2,536,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton		Signature: 			Cert #: D6098/T6098		Date: 5/5/2025

Notes: * Willamette Wellfield Off