

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 7 / 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	0.273	0.201	0.177	0.168	0.198	0.261	0.294	2,196
2	0.278	0.207	0.186	0.175	0.218	0.289	0.300	2,181
3	0.283	0.213	0.188	0.175	0.185	0.257	0.305	2,175
4	0.275	0.201	0.181	0.174	0.226	0.311	0.329	2,133
5	0.284	0.214	0.188	0.181	0.239	0.337	0.361	2,146
6	0.337	0.238	0.205	0.198	0.251	0.335	0.356	2,165
7	0.339	0.246	0.213	0.203	0.257	0.356	0.378	2,133
8	0.339	0.244	0.213	0.201	0.261	0.339	0.344	2,952
9	0.329	0.242	0.205	0.194	0.256	0.359	0.361	3,045
10	0.325	0.240	0.211	0.199	0.246	0.363	0.380	3,116
11	0.339	0.253	0.213	0.201	0.257	0.356	0.359	2,916
12	0.339	0.248	0.216	0.205	0.250	0.337	0.381	3,127
13	0.346	0.253	0.213	0.201	0.261	0.359	0.387	3,356
14	0.346	0.246	0.211	0.203	0.266	0.359	0.371	3,148
15	0.333	0.242	0.214	0.199	0.285	0.376	0.389	3,026
16	0.349	0.244	0.213	0.203	0.280	0.319	0.351	3,122
17	0.320	0.239	0.205	0.198	0.304	0.349	0.354	3,029
18	0.343	0.249	0.211	0.203	0.324	0.379	0.385	3,069
19	0.366	0.266	0.216	0.205	0.328	0.389	0.402	3,104
20	0.359	0.268	0.220	0.209	0.256	0.311	0.359	3,126
21	0.274	0.226	0.203	0.196	0.274	0.376	0.376	3,092
22	0.339	0.251	0.213	0.192	0.226	0.381	0.419	3,174
23	0.398	0.303	0.227	0.203	0.218	0.274	0.398	3,188
24	0.314	0.268	0.213	0.196	0.207	0.272	0.794	3,175
25	0.292	0.253	0.205	0.190	0.216	0.256	0.298	3,129
26	0.298	0.261	0.201	0.183	0.183	0.244	0.298	3,190
27	0.282	0.255	0.207	0.188	0.196	0.256	0.294	3,020
28	0.294	0.262	0.209	0.131	0.163	0.206	0.294	2,955
29	0.198	0.147	0.131	0.124	0.157	0.206	0.215	3,061
30	0.203	0.146	0.131	0.133	0.152	0.189	0.211	2,955
31	0.207	0.149	0.131	0.126	0.157	0.206	0.207	3,171

Slow Sand Filtration

95% of turbidity readings $\leq$ 1 NTU?☒ Yes ☐ NoAll 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: 8/5/2025

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 3.34
Achieved = 39.94

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:** 7 / 2025

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 2.26%			
Minimum Validated UVT: 97.9%				Min. UV Dose achieved/intended this month: 42.7 / 38 mJ/cm ²			
Day	Peak Hourly Demand Flow [gpm/unit]	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	2,196	4.4	44.9	Yes	3,076,000	0	
2	2,181	4.4	45.3	Yes	3,064,000	0	
3	2,175	4.7	47.8	Yes	3,031,000	0	
4	2,133	4.9	46.9	Yes	2,993,000	0	
5	2,146	4.9	46.5	Yes	2,969,000	0	
6	2,165	4.8	46.7	Yes	3,015,000	0	
7	2,133	4.9	47.3	Yes	2,991,000	0	
8	2,952	5.0	43.8	Yes	3,634,000	0	
9	3,045	5.2	43.5	Yes	4,107,000	0	
10	3,116	4.6	43.4	Yes	4,109,000	0	
11	2,916	4.7	44.6	Yes	4,109,000	0	
12	3,127	5.3	43.8	Yes	4,134,000	0	
13	3,356	4.7	46.0	Yes	4,301,000	0	
14	3,148	4.8	45.0	Yes	4,268,000	0	
15	3,026	4.8	45.1	Yes	4,250,000	0	
16	3,122	5.4	43.4	Yes	4,259,000	0	
17	3,029	4.6	44.4	Yes	4,220,000	0	
18	3,069	4.7	46.1	Yes	4,263,000	0	
19	3,104	4.6	45.1	Yes	4,198,000	0	
20	3,126	4.6	44.9	Yes	4,193,000	0	
21	3,092	5.1	43.1	Yes	4,155,000	0	
22	3,174	5.3	43.8	Yes	4,269,000	0	
23	3,188	4.7	43.0	Yes	4,341,000	0	
24	3,175	5.5	42.7	Yes	4,332,000	0	
25	3,129	5.6	44.2	Yes	4,210,000	0	
26	3,190	4.7	44.6	Yes	4,057,000	0	
27	3,020	5.2	43.1	Yes	4,041,000	0	
28	2,955	4.6	43.3	Yes	4,003,000	0	
29	3,061	4.4	44.7	Yes	3,903,000	0	
30	2,955	5.0	43.3	Yes	3,674,000	0	
31	3,171	5.0	44.9	Yes	3,817,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton		Signature: 			Cert #: D6098/T6098		Date: 8/5/2025

Notes: * Willamette Wellfield Off