

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 5 / 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	0.514	0.357	0.296	0.304	0.442	0.615	0.621	2,160
2	0.520	0.355	0.281	0.289	0.429	0.559	0.560	2,462
3	0.422	0.296	0.231	0.229	0.356	0.456	0.456	2,271
4	0.359	0.281	0.238	0.306	0.496	0.572	0.572	2,293
5	0.377	0.303	0.255	0.300	0.544	0.726	0.728	2,380
6	0.426	0.294	0.240	0.263	0.611	0.771	0.791	2,176
7	0.576	0.314	0.248	0.233	0.493	0.789	0.789	1,962
8	0.601	0.340	0.264	0.239	0.433	0.589	0.606	2,404
9	0.546	0.346	0.278	0.252	0.402	0.516	0.548	2,531
10	0.370	0.251	0.213	0.243	0.381	0.434	0.434	2,414
11	0.312	0.248	0.218	0.231	0.317	0.357	0.357	2,458
12	0.259	0.220	0.205	0.218	0.274	0.331	0.331	2,357
13	0.248	0.203	0.188	0.203	0.329	0.346	0.931	2,209
14	0.249	0.192	0.174	0.172	0.326	0.353	0.359	2,343
15	0.240	0.162	0.147	0.147	0.147	0.150	0.901	2,266
16	0.238	0.236	0.149	0.157	0.396	0.448	0.456	2,477
17	0.216	0.166	0.155	0.166	0.324	0.459	0.459	2,217
18	0.266	0.177	0.159	0.162	0.326	0.322	0.393	2,343
19	0.218	0.172	0.161	0.159	0.411	0.517	0.517	2,398
20	0.294	0.192	0.171	0.185	0.415	0.444	0.446	2,101
21	0.259	0.184	0.166	0.213	0.518	0.529	0.602	2,105
22	0.257	0.192	0.174	0.172	0.272	0.317	0.337	2,240
23	0.272	0.198	0.181	0.200	0.463	0.674	0.674	2,210
24	0.390	0.238	0.209	0.257	0.544	0.674	0.674	2,256
25	0.386	0.240	0.213	0.214	0.335	0.479	0.480	2,306
26	0.316	0.225	0.205	0.231	0.400	0.535	0.536	2,391
27	0.355	0.234	0.203	0.237	0.461	0.619	0.619	2,292
28	0.373	0.224	0.196	0.228	0.442	0.609	0.609	2,435
29	0.338	0.220	0.192	0.194	0.309	0.504	0.529	2,492
30	0.361	0.207	0.179	0.204	0.452	0.752	0.756	2,471
31	0.438	0.214	0.181	0.202	0.363	0.614	0.643	3,375

Slow Sand Filtration

95% 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: 6/4/2025

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 5.06
Achieved = 44.49

Notes: * Willamette Wellfield Off

Oregon OHA - Drinking Water Services - UV Surface Water Quality DataSystem Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 5 / 2025

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 1.87%			
Minimum Validated UVT: 95.1%			Min. UV Dose achieved/intended this month: 42.9 / 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	2,160	3.6	43.7	Yes	2,949,000	0	
2	2,462	3.8	44.3	Yes	2,515,000	0	
3	2,271	3.5	44.0	Yes	3,027,000	0	
4	2,293	3.5	46.3	Yes	3,205,000	0	
5	2,380	3.4	43.8	Yes	3,093,000	0	
6	2,176	3.8	43.3	Yes	2,893,000	0	
7	1,962	3.8	44.2	Yes	2,655,000	0	
8	2,404	3.4	42.9	Yes	2,756,000	0	
9	2,531	3.3	42.9	Yes	3,075,000	0	
10	2,414	3.3	45.9	Yes	3,227,000	0	
11	2,458	3.4	44.2	Yes	3,348,000	0	
12	2,357	3.4	45.1	Yes	3,220,000	0	
13	2,209	4.3	44.0	Yes	3,032,000	0	
14	2,343	3.7	43.9	Yes	2,286,000	0	
15	2,266	3.4	44.9	Yes	1,017,000	0	
16	2,477	5.3	50.4	Yes	2,184,000	0	
17	2,217	3.5	43.9	Yes	3,106,000	0	
18	2,343	3.2	45.1	Yes	3,164,000	0	
19	2,398	3.3	43.7	Yes	3,007,000	0	
20	2,101	3.3	43.5	Yes	2,887,000	0	
21	2,105	3.6	43.2	Yes	2,951,000	0	
22	2,240	3.9	44.1	Yes	2,980,000	0	
23	2,210	3.1	43.3	Yes	3,003,000	0	
24	2,256	3.4	44.4	Yes	3,152,000	0	
25	2,306	4.2	45.4	Yes	3,191,000	0	
26	2,391	3.4	44.4	Yes	3,135,000	0	
27	2,292	3.2	44.7	Yes	3,169,000	0	
28	2,435	3.5	44.5	Yes	3,323,000	0	
29	2,492	3.8	45.2	Yes	3,457,000	0	
30	2,471	3.7	44.7	Yes	3,437,000	0	
31	3,375	3.6	43.2	Yes	3,943,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton		Signature: 			Cert #: D6098/T6098		Date: 6/4/2025

Notes: * Willamette Wellfield Off