

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 3 / 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	0.153	0.108	0.093	0.087	0.110	0.168	0.168	2,062
2	0.138	0.102	0.091	0.086	0.097	0.151	0.151	2,064
3	0.123	0.096	0.087	0.082	0.097	0.146	0.146	1,998
4	0.123	0.102	0.094	0.093	0.119	0.232	0.244	2,101
5	0.178	0.123	0.108	0.100	0.162	0.343	0.343	1,901
6	0.215	0.138	0.117	0.108	0.149	0.427	0.427	1,949
7	0.243	0.144	0.119	0.109	0.160	0.497	0.501	1,949
8	0.293	0.154	0.121	0.108	0.208	0.523	0.523	1,861
9	0.293	0.154	0.121	0.108	0.208	0.523	0.523	1,861
10	0.286	0.152	0.119	0.108	0.182	0.416	0.416	1,781
11	0.246	0.139	0.113	0.104	0.165	0.334	0.334	1,796
12	0.211	0.132	0.109	0.104	0.141	0.280	0.281	1,888
13	0.124	0.106	0.098	0.093	0.093	0.164	0.166	1,896
14	0.152	0.117	0.102	0.093	0.091	0.174	0.195	1,777
15	0.169	0.119	0.098	0.086	0.083	0.084	0.169	2,014
16	0.089	0.089	0.080	0.076	0.074	0.074	0.089	2,026
17	0.074	0.074	0.074	0.067	0.078	0.132	0.136	1,987
18	0.113	0.080	0.072	0.071	0.182	0.279	0.325	1,959
19	0.263	0.182	0.156	0.165	0.193	0.219	0.263	1,955
20	0.202	0.153	0.134	0.123	0.123	0.227	0.244	2,073
21	0.217	0.163	0.141	0.130	0.128	0.172	0.217	1,866
22	0.208	0.165	0.145	0.138	0.141	0.264	0.284	1,842
23	0.282	0.196	0.157	0.145	0.141	0.238	0.282	1,831
24	0.280	0.202	0.161	0.145	0.151	0.304	0.342	1,843
25	0.330	0.230	0.172	0.153	0.148	0.323	0.396	1,848
26	0.389	0.258	0.184	0.160	0.162	0.345	0.389	1,851
27	0.311	0.222	0.174	0.156	0.163	0.303	0.311	1,838
28	0.286	0.215	0.163	0.148	0.166	0.382	0.412	1,986
29	0.364	0.241	0.177	0.156	0.182	0.393	0.414	1,831
30	0.376	0.249	0.186	0.163	0.177	0.216	0.378	1,900
31	0.242	0.196	0.163	0.153	0.184	0.397	0.401	2,038

Slow Sand Filtration95% 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 ☐ NoPrinted Name: Dave EnckelsonSignature: [Signature]Date: 4/7/2025Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 6.39
Achieved = 65.69

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: 3 / 2025

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 3.30%			
Minimum Validated UVT: 96.1%				Min. UV Dose achieved/intended this month: 43.6 / 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	2,062	3.8	46.9	Yes	2,609,000	0	
2	2,064	4.3	44.6	Yes	2,620,000	0	
3	1,998	3.9	44.9	Yes	2,656,000	0	
4	2,101	3.6	44.2	Yes	2,715,000	0	
5	1,901	3.2	44.8	Yes	2,698,000	0	
6	1,949	3.5	43.9	Yes	2,694,000	0	
7	1,949	3.5	44.7	Yes	2,629,000	0	
8	1,861	3.0	44.2	Yes	2,529,000	0	
9	1,861	3.0	44.2	Yes	2,529,000	0	
10	1,781	3.3	43.9	Yes	2,522,000	0	
11	1,796	3.5	43.8	Yes	2,520,000	0	
12	1,888	3.5	45.6	Yes	2,511,000	0	
13	1,896	4.0	45.0	Yes	2,423,000	0	
14	1,777	3.9	44.1	Yes	2,477,000	0	
15	2,014	3.8	45.7	Yes	2,444,000	0	
16	2,026	3.6	46.4	Yes	2,507,000	0	
17	1,987	3.6	46.9	Yes	2,245,000	0	
18	1,959	3.4	43.6	Yes	2,441,000	0	
19	1,955	3.5	43.6	Yes	2,557,000	0	
20	2,073	3.7	44.7	Yes	2,716,000	0	
21	1,866	3.9	46.1	Yes	2,596,000	0	
22	1,842	4.0	46.2	Yes	2,561,000	0	
23	1,831	3.9	45.8	Yes	2,538,000	0	
24	1,843	4.1	46.8	Yes	2,529,000	0	
25	1,848	4.1	43.7	Yes	2,076,000	0	
26	1,851	3.6	44.8	Yes	2,544,000	0	
27	1,838	3.7	44.1	Yes	2,551,000	0	
28	1,986	3.7	43.9	Yes	2,563,000	0	
29	1,831	3.6	44.0	Yes	2,538,000	0	
30	1,900	3.6	44.9	Yes	2,574,000	0	
31	2,038	3.7	44.9	Yes	2,564,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098	Date: 4/7/2025

Notes: * Willamette Wellfield Off