

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 6 / 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	0.446	0.209	0.164	0.170	0.304	0.654	0.682	3,054
2	0.449	0.203	0.159	0.177	0.308	0.533	0.602	3,319
3	0.531	0.279	0.172	0.185	0.339	0.561	0.596	3,367
4	0.522	0.279	0.175	0.176	0.311	0.500	0.532	3,043
5	0.463	0.276	0.186	0.170	0.314	0.506	0.522	3,318
6	0.418	0.257	0.181	0.191	0.357	0.526	0.536	3,399
7	0.411	0.242	0.177	0.192	0.344	0.476	0.491	3,105
8	0.376	0.220	0.162	0.177	0.356	0.466	0.481	3,238
9	0.349	0.214	0.161	0.176	0.368	0.453	0.458	3,174
10	0.337	0.207	0.155	0.170	0.304	0.406	0.406	3,077
11	0.301	0.194	0.161	0.147	0.241	0.352	0.361	3,076
12	0.312	0.198	0.147	0.140	0.239	0.377	0.390	3,182
13	0.312	0.179	0.142	0.132	0.135	0.191	0.313	3,271
14	0.186	0.146	0.125	0.120	0.192	0.309	0.336	2,877
15	0.318	0.177	0.132	0.134	0.185	0.326	0.359	2,921
16	0.301	0.181	0.132	0.165	0.233	0.322	0.339	2,924
17	0.329	0.222	0.181	0.172	0.229	0.308	0.346	2,929
18	0.335	0.216	0.174	0.171	0.207	0.268	0.335	2,840
19	0.270	0.201	0.162	0.153	0.184	0.246	0.272	3,176
20	0.244	0.174	0.140	0.132	0.135	0.181	0.289	3,077
21	0.177	0.140	0.124	0.122	0.137	0.144	0.177	2,919
22	0.142	0.126	0.116	0.119	0.132	0.170	0.192	2,950
23	0.192	0.166	0.140	0.132	0.155	0.213	0.243	2,041
24	0.234	0.179	0.149	0.140	0.162	0.213	0.236	2,216
25	0.216	0.172	0.151	0.138	0.139	0.194	0.216	2,352
26	0.194	0.164	0.149	0.142	0.175	0.216	0.239	2,230
27	0.229	0.175	0.153	0.144	0.168	0.233	0.235	2,193
28	0.233	0.181	0.161	0.153	0.181	0.243	0.270	2,185
29	0.255	0.196	0.170	0.161	0.191	0.254	0.276	2,212
30	0.264	0.198	0.174	0.162	0.194	0.272	0.292	2,236

Slow Sand Filtration		Monthly UV Summary	
95% of turbidity readings $\leq$ 1 NTU? ☒ Yes ☐ No All turbidity readings < 5 NTU? ☒ Yes ☐ No		Is the volume of off-spec water produced less than 5% in the month? ☒ Yes ☐ No	
		Printed Name: Dave Embleton	
		Signature: 	Date: 7/8/2025
Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ No		CT _{viral} Required = 4.37 Achieved = 44.18	

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: 6 / 2025

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 5.42%			
Minimum Validated UVT: 96.2%			Min. UV Dose achieved/intended this month: 42.8 / 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	3,054	3.7	44.4	Yes	4,231,000	0	
2	3,319	3.5	44.7	Yes	4,258,000	0	
3	3,367	3.7	45.0	Yes	4,289,000	0	
4	3,043	3.6	44.3	Yes	4,303,000	0	
5	3,318	3.7	43.1	Yes	4,294,000	0	
6	3,399	3.8	43.7	Yes	4,381,000	0	
7	3,105	4.0	43.2	Yes	4,401,000	0	
8	3,238	4.0	43.6	Yes	4,402,000	0	
9	3,174	4.0	43.3	Yes	4,382,000	0	
10	3,077	4.0	45.0	Yes	4,347,000	0	
11	3,076	4.0	43.4	Yes	4,241,000	0	
12	3,182	3.8	43.5	Yes	4,123,000	0	
13	3,271	4.0	43.7	Yes	4,076,000	0	
14	2,877	3.8	43.3	Yes	4,000,000	0	
15	2,921	3.9	44.2	Yes	4,074,000	0	
16	2,924	4.0	44.0	Yes	4,037,000	0	
17	2,929	4.0	43.6	Yes	3,931,000	0	
18	2,840	4.1	42.8	Yes	3,766,000	0	
19	3,176	5.4	43.4	Yes	3,927,000	0	
20	3,077	5.4	43.8	Yes	4,112,000	0	
21	2,919	5.1	43.6	Yes	4,055,000	0	
22	2,950	5.3	44.1	Yes	3,227,000	0	
23	2,041	4.3	45.7	Yes	2,841,000	0	
24	2,216	4.4	46.0	Yes	2,998,000	0	
25	2,352	4.1	44.8	Yes	3,159,000	0	
26	2,230	4.2	44.9	Yes	3,084,000	0	
27	2,193	4.2	44.2	Yes	3,017,000	0	
28	2,185	4.2	44.5	Yes	3,072,000	0	
29	2,212	4.4	44.7	Yes	3,069,000	0	
30	2,236	4.4	44.4	Yes	3,081,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton		Signature: 			Cert #: D6098/T6098		Date: 7/8/2025

Notes: * Willamette Wellfield Off