

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 10 / 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	0.205	0.177	0.164	0.000	0.153	0.162	0.269	2,729
2	0.168	0.157	0.147	0.144	0.144	0.176	0.213	2,416
3	0.203	0.186	0.157	0.149	0.149	0.187	0.207	2,538
4	0.207	0.194	0.164	0.151	0.149	0.181	0.207	2,421
5	0.202	0.186	0.166	0.157	0.155	0.200	0.264	2,250
6	0.228	0.203	0.184	0.164	0.164	0.203	0.231	2,254
7	0.233	0.223	0.188	0.168	0.168	0.202	0.237	2,460
8	0.233	0.240	0.207	0.177	0.171	0.174	0.243	2,403
9	0.192	0.184	0.175	0.147	0.142	0.146	0.192	2,415
10	0.161	0.162	0.151	0.138	0.134	0.139	0.163	2,255
11	0.148	0.154	0.151	0.138	0.136	0.136	0.154	2,213
12	0.144	0.152	0.146	0.136	0.132	0.132	0.152	2,271
13	0.132	0.138	0.134	0.129	0.127	0.133	0.144	2,362
14	0.144	0.154	0.151	0.138	0.136	0.148	0.172	2,382
15	0.172	0.200	0.198	0.172	0.159	0.162	0.207	2,261
16	0.177	0.194	0.199	0.194	0.163	0.176	0.216	2,512
17	0.183	0.192	0.198	0.090	0.090	0.108	0.198	2,083
18	0.113	0.101	0.092	0.089	0.088	0.108	0.117	1,822
19	0.117	0.103	0.094	0.090	0.090	0.106	0.117	1,929
20	0.111	0.099	0.094	0.092	0.092	0.131	0.139	1,965
21	0.136	0.105	0.097	0.094	0.112	0.165	0.166	2,014
22	0.131	0.103	0.096	0.094	0.112	0.137	0.150	2,013
23	0.144	0.107	0.099	0.097	0.097	0.146	0.157	1,979
24	0.155	0.114	0.101	0.097	0.096	0.096	0.155	2,008
25	0.096	0.096	0.096	0.094	0.092	0.098	0.102	1,899
26	0.102	0.101	0.097	0.096	0.094	0.096	0.119	1,864
27	0.106	0.103	0.094	0.088	0.089	0.108	0.123	1,750
28	0.123	0.107	0.094	0.094	0.086	0.086	0.143	1,769
29	0.113	0.101	0.094	0.090	0.090	0.104	0.130	1,824
30	0.113	0.097	0.090	0.088	0.086	0.093	0.121	1,881
31	0.106	0.097	0.089	0.084	0.084	0.102	0.123	1,947

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: 11/4/2025
Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ No			CT _{viral} Required = 4.62 Achieved = 51.62

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:** 10 / 2025

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 8.92%			
Minimum Validated UVT: 97.2%			Min. UV Dose achieved/intended this month: 43.8 / 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	2,729	5.2	48.9	Yes	2,854,000	0	
2	2,416	5.2	49.9	Yes	3,252,000	0	
3	2,538	5.1	44.6	Yes	3,318,000	0	
4	2,421	5.2	44.2	Yes	3,197,000	0	
5	2,250	5.2	52.4	Yes	3,179,000	0	
6	2,254	5.2	47.0	Yes	3,163,000	0	
7	2,460	5.2	43.8	Yes	3,143,000	0	
8	2,403	5.2	44.7	Yes	3,139,000	0	
9	2,415	5.4	57.8	Yes	2,440,000	0	
10	2,255	5.3	47.7	Yes	3,157,000	0	
11	2,213	5.3	47.7	Yes	3,122,000	0	
12	2,271	5.3	47.4	Yes	3,125,000	0	
13	2,362	5.3	47.3	Yes	3,108,000	0	
14	2,382	5.2	44.5	Yes	3,047,000	0	
15	2,261	5.0	47.3	Yes	3,028,000	0	
16	2,512	5.0	45.9	Yes	2,661,000	0	
17	2,083	4.9	50.5	Yes	2,801,000	0	
18	1,822	5.0	50.5	Yes	2,591,000	0	
19	1,929	5.0	49.9	Yes	2,702,000	0	
20	1,965	5.1	47.2	Yes	2,769,000	0	
21	2,014	5.0	47.3	Yes	2,634,000	0	
22	2,013	4.8	49.0	Yes	1,922,000	0	
23	1,979	4.9	54.4	Yes	2,607,000	0	
24	2,008	4.9	51.5	Yes	2,705,000	0	
25	1,899	5.0	61.3	Yes	2,663,000	0	
26	1,864	4.9	62.2	Yes	2,562,000	0	
27	1,750	4.8	65.3	Yes	2,477,000	0	
28	1,769	4.9	62.0	Yes	1,837,000	0	
29	1,824	4.8	63.9	Yes	2,254,000	0	
30	1,881	5.0	52.5	Yes	2,022,000	0	
31	1,947	4.9	48.5	Yes	2,571,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton		Signature: 			Cert #: D6098/T6098		Date: 11/4/2025

Notes: * Willamette Wellfield Off