


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 1 / 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	0.196	0.165	0.148	0.141	0.138	0.160	0.219	2,015
2	0.171	0.153	0.139	0.130	0.128	0.131	0.181	1,836
3	0.139	0.138	0.132	0.130	0.130	0.147	0.168	1,792
4	0.168	0.154	0.141	0.136	0.134	0.143	0.169	1,755
5	0.151	0.147	0.141	0.139	0.139	0.160	0.160	1,765
6	0.171	0.156	0.153	0.153	0.157	0.219	0.234	1,807
7	0.232	0.194	0.180	0.169	0.165	0.212	0.234	1,738
8	0.234	0.201	0.178	0.169	0.165	0.227	0.254	1,816
9	0.254	0.206	0.180	0.184	0.202	0.208	0.254	1,835
10	0.212	0.189	0.171	0.180	0.183	0.234	0.234	2,085
11	0.217	0.196	0.189	0.186	0.214	0.277	0.282	1,740
12	0.239	0.209	0.201	0.196	0.227	0.281	0.281	1,838
13	0.239	0.217	0.208	0.163	0.162	0.234	0.254	1,902
14	0.254	0.202	0.176	0.108	0.114	0.145	0.254	1,883
15	0.126	0.115	0.109	0.108	0.110	0.127	0.127	1,638
16	0.121	0.113	0.109	0.108	0.117	0.127	0.150	1,658
17	0.121	0.114	0.109	0.156	0.168	0.210	0.212	1,827
18	0.198	0.174	0.165	0.161	0.183	0.271	0.282	1,934
19	0.247	0.188	0.168	0.160	0.179	0.280	0.290	1,944
20	0.239	0.184	0.163	0.156	0.189	0.329	0.334	1,807
21	0.247	0.184	0.163	0.154	0.229	0.381	0.381	1,911
22	0.249	0.184	0.161	0.151	0.197	0.421	0.423	1,798
23	0.265	0.182	0.156	0.146	0.223	0.425	0.425	1,785
24	0.254	0.182	0.156	0.145	0.218	0.464	0.466	1,847
25	0.259	0.180	0.154	0.145	0.234	0.438	0.438	1,784
26	0.252	0.180	0.154	0.143	0.229	0.407	0.407	1,983
27	0.252	0.184	0.156	0.186	0.240	0.490	0.511	1,976
28	0.416	0.282	0.224	0.201	0.231	0.466	0.490	1,993
29	0.417	0.291	0.232	0.204	0.236	0.447	0.468	1,799
30	0.416	0.295	0.230	0.186	0.275	0.346	0.416	1,892
31	0.330	0.252	0.209	0.183	0.183	0.236	0.330	1,933

Slow Sand Filtration			Monthly UV Summary		
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			Is the volume of off-spec water produced less than 5% in the month? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
			Printed Name: Dave Embleton		
			Signature: 		Date: 2/6/2025
Is there a 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					CT _{viral} Required = 7.05 Achieved = 73.15

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: 1 / 2025

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 5.30%			
Minimum Validated UVT: 96.3%			Min. UV Dose achieved/intended this month: 43.2 / 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	2,015	3.7	52.6	Yes	2,347,000	0	
2	1,836	4.0	44.9	Yes	2,433,000	0	
3	1,792	3.8	45.7	Yes	2,445,000	0	
4	1,755	3.8	47.3	Yes	2,423,000	0	
5	1,765	3.7	46.7	Yes	2,411,000	0	
6	1,807	3.7	45.3	Yes	2,470,000	0	
7	1,738	3.9	45.3	Yes	2,424,000	0	
8	1,816	3.6	49.2	Yes	2,422,000	0	
9	1,835	3.5	44.5	Yes	2,470,000	0	
10	2,085	3.5	44.7	Yes	2,420,000	0	
11	1,740	3.7	48.4	Yes	2,301,000	0	
12	1,838	3.5	44.7	Yes	2,336,000	0	
13	1,902	3.5	43.4	Yes	2,493,000	0	
14	1,883	3.5	43.2	Yes	2,372,000	0	
15	1,638	3.4	43.5	Yes	2,218,000	0	
16	1,658	3.4	43.7	Yes	2,213,000	0	
17	1,827	3.5	43.6	Yes	2,356,000	0	
18	1,934	3.8	46.0	Yes	2,469,000	0	
19	1,944	3.9	44.7	Yes	2,467,000	0	
20	1,807	3.7	45.5	Yes	2,459,000	0	
21	1,911	3.8	44.8	Yes	2,515,000	0	
22	1,798	3.8	46.9	Yes	2,462,000	0	
23	1,785	7.9	43.2	Yes	2,448,000	0	
24	1,847	3.5	44.4	Yes	2,449,000	0	
25	1,784	3.5	43.8	Yes	2,446,000	0	
26	1,983	3.4	45.4	Yes	2,446,000	0	
27	1,976	5.3	43.4	Yes	2,495,000	0	
28	1,993	3.7	48.0	Yes	2,461,000	0	
29	1,799	3.3	44.0	Yes	2,479,000	0	
30	1,892	3.3	43.2	Yes	2,445,000	0	
31	1,933	3.4	44.7	Yes	2,487,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 2/6/2025

Notes: * Willamette Wellfield Off