


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 2 / 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	0.279	0.226	0.195	0.182	0.189	0.286	0.309	1,896
2	0.300	0.232	0.199	0.180	0.176	0.229	0.301	1,749
3	0.256	0.219	0.192	0.174	0.171	0.216	0.276	1,987
4	0.223	0.195	0.172	0.161	0.158	0.208	0.227	1,955
5	0.227	0.199	0.171	0.153	0.147	0.190	0.237	1,930
6	0.206	0.182	0.160	0.157	0.161	0.192	0.219	2,291
7	0.219	0.182	0.156	0.141	0.138	0.188	0.219	1,926
8	0.214	0.180	0.153	0.136	0.132	0.158	0.214	1,925
9	0.184	0.162	0.139	0.126	0.124	0.171	0.192	1,858
10	0.191	0.154	0.130	0.117	0.116	0.134	0.192	1,945
11	0.159	0.136	0.115	0.108	0.101	0.144	0.159	2,217
12	0.156	0.128	0.109	0.102	0.102	0.131	0.157	2,198
13	0.144	0.123	0.104	0.094	0.091	0.114	0.144	1,873
14	0.119	0.106	0.094	0.089	0.089	0.117	0.132	1,914
15	0.132	0.115	0.101	0.093	0.091	0.116	0.132	1,912
16	0.129	0.114	0.102	0.097	0.097	0.121	0.129	1,766
17	0.127	0.115	0.104	0.101	0.099	0.121	0.131	1,962
18	0.131	0.121	0.109	0.108	0.087	0.106	0.895	2,001
19	0.106	0.091	0.087	0.086	0.084	0.110	0.121	1,945
20	0.121	0.101	0.093	0.089	0.101	0.175	0.186	1,988
21	0.169	0.121	0.104	0.086	0.144	0.169	0.169	2,280
22	0.146	0.111	0.096	0.089	0.094	0.106	0.147	2,027
23	0.102	0.089	0.086	0.082	0.082	0.089	0.102	1,989
24	0.089	0.086	0.082	0.080	0.080	0.106	0.108	2,220
25	0.108	0.091	0.086	0.084	0.125	0.147	0.147	1,888
26	0.117	0.102	0.096	0.094	0.168	0.218	0.218	2,051
27	0.139	0.111	0.102	0.099	0.173	0.228	0.233	1,887
28	0.124	0.104	0.094	0.089	0.110	0.221	0.221	2,050

Slow Sand Filtration	Monthly UV Summary
95% of turbidity readings \leq 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: 3/5/2025
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 = 7.08 Achieved = 52.35

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: 2 / 2025

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.48%			
Minimum Validated UVT: 95.7%			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	1,896	3.5	46.1	Yes	2,553,000	0	
2	1,749	3.6	46.0	Yes	2,460,000	0	
3	1,987	3.6	45.7	Yes	2,577,000	0	
4	1,955	3.9	45.7	Yes	2,573,000	0	
5	1,930	3.8	44.0	Yes	2,576,000	0	
6	2,291	3.6	46.3	Yes	1,659,000	0	
7	1,926	7.9	45.7	Yes	2,549,000	0	
8	1,925	3.9	44.9	Yes	2,554,000	0	
9	1,858	3.9	48.2	Yes	2,540,000	0	
10	1,945	5.5	46.6	Yes	2,525,000	0	
11	2,217	4.2	49.9	Yes	2,102,000	0	
12	2,198	3.9	46.1	Yes	1,902,000	0	
13	1,873	3.9	45.3	Yes	2,394,000	0	
14	1,914	3.9	45.2	Yes	2,500,000	0	
15	1,912	4.0	48.7	Yes	2,454,000	0	
16	1,766	3.9	47.7	Yes	2,487,000	0	
17	1,962	4.0	47.7	Yes	2,482,000	0	
18	2,001	3.9	45.6	Yes	1,771,000	0	
19	1,945	3.7	43.8	Yes	2,261,000	0	
20	1,988	4.0	48.3	Yes	2,440,000	0	
21	2,280	3.6	44.0	Yes	2,230,000	0	
22	2,027	3.8	45.0	Yes	2,681,000	0	
23	1,989	4.1	48.2	Yes	2,720,000	0	
24	2,220	4.0	46.8	Yes	2,413,000	0	
25	1,888	4.0	45.3	Yes	2,527,000	0	
26	2,051	4.1	43.2	Yes	2,281,000	0	
27	1,887	3.6	45.0	Yes	2,614,000	0	
28	2,050	3.7	44.0	Yes	2,612,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 3/5/2025

Notes: * Willamette Wellfield Off