

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 11 / 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	0.122	0.103	0.094	0.090	0.090	0.093	0.123	1,876
2	0.100	0.096	0.092	0.090	0.090	0.102	0.124	1,894
3	0.122	0.103	0.094	0.090	0.090	0.097	0.188	1,902
4	0.097	0.092	0.088	0.086	0.089	0.091	0.097	1,963
5	0.091	0.090	0.086	0.084	0.083	0.085	0.193	2,211
6	0.092	0.086	0.084	0.083	0.083	0.083	0.093	1,858
7	0.083	0.084	0.083	0.081	0.081	0.087	0.134	2,039
8	0.094	0.086	0.083	0.081	0.081	0.085	0.112	1,781
9	0.091	0.084	0.081	0.079	0.079	0.092	0.098	1,773
10	0.097	0.086	0.083	0.081	0.081	0.087	0.097	2,002
11	0.091	0.088	0.084	0.083	0.083	0.085	0.093	1,816
12	0.092	0.084	0.083	0.081	0.081	0.086	0.092	1,892
13	0.086	0.086	0.083	0.081	0.081	0.081	0.138	2,076
14	0.081	0.084	0.083	0.081	0.081	0.089	0.119	1,971
15	0.089	0.086	0.083	0.081	0.081	0.089	0.104	1,983
16	0.093	0.086	0.083	0.081	0.081	0.081	0.094	1,954
17	0.081	0.081	0.081	0.109	0.109	0.118	0.137	1,891
18	0.133	0.124	0.112	0.117	0.109	0.115	0.133	1,658
19	0.126	0.120	0.107	0.103	0.101	0.104	0.145	1,623
20	0.115	0.111	0.101	0.097	0.097	0.109	0.124	1,966
21	0.124	0.112	0.103	0.097	0.093	0.111	0.137	2,065
22	0.113	0.103	0.097	0.094	0.094	0.096	0.113	1,988
23	0.104	0.101	0.096	0.092	0.094	0.100	0.104	1,866
24	0.100	0.099	0.096	0.094	0.094	0.098	0.104	1,766
25	0.104	0.103	0.097	0.096	0.094	0.094	0.104	1,756
26	0.100	0.099	0.096	0.094	0.094	0.096	0.102	1,851
27	0.102	0.102	0.101	0.099	0.099	0.102	0.106	2,051
28	0.106	0.106	0.103	0.101	0.101	0.108	0.111	2,002
29	0.111	0.111	0.106	0.103	0.101	0.101	0.114	1,986
30	0.101	0.105	0.101	0.099	0.099	0.100	0.127	2,007

Slow Sand Filtration

95% of turbidity readings $\leq$ 1 NTU?☒ Yes ☐ No

All turbidity readings < 5 NTU?

☒ Yes ☐ No

Monthly UV Summary

Is the volume of off-spec water produced less than 5% in the month?

☒ Yes ☐ No

Printed Name: Dave Embleton

Signature: 

Date: 12/1/2025

Is there a 4-log virus inactivation provided with ☒ Chlorine; ☒ Yes ☐ NoCT_{viral} Required = 5.39
Achieved = 60.24

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:** 11 / 2025

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.20%			
Minimum Validated UVT: 98.1%			Min. UV Dose achieved/intended this month: 47.1 / 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	1,876	4.8	58.6	Yes	2,538,000	0	
2	1,894	4.8	47.1	Yes	2,511,000	0	
3	1,902	4.7	50.2	Yes	2,619,000	0	
4	1,963	4.7	49.3	Yes	2,558,000	0	
5	2,211	5.0	53.8	Yes	2,326,000	0	
6	1,858	5.4	55.2	Yes	2,555,000	0	
7	2,039	5.4	50.3	Yes	2,550,000	0	
8	1,781	5.4	52.1	Yes	2,526,000	0	
9	1,773	5.4	51.4	Yes	2,520,000	0	
10	2,002	5.3	53.9	Yes	2,520,000	0	
11	1,816	5.4	54.7	Yes	2,536,000	0	
12	1,892	5.4	65.9	Yes	2,556,000	0	
13	2,076	5.5	51.2	Yes	2,574,000	0	
14	1,971	5.5	67.1	Yes	2,501,000	0	
15	1,983	5.3	67.6	Yes	2,482,000	0	
16	1,954	5.3	54.3	Yes	2,523,000	0	
17	1,891	5.3	60.8	Yes	2,418,000	0	
18	1,658	5.2	61.2	Yes	1,971,000	0	
19	1,623	5.0	67.3	Yes	2,275,000	0	
20	1,966	5.0	69.5	Yes	2,057,000	0	
21	2,065	5.0	53.8	Yes	2,440,000	0	
22	1,988	5.0	66.4	Yes	2,496,000	0	
23	1,866	5.2	66.5	Yes	2,482,000	0	
24	1,766	5.0	51.4	Yes	2,480,000	0	
25	1,756	5.0	53.2	Yes	2,467,000	0	
26	1,851	5.0	54.5	Yes	2,474,000	0	
27	2,051	5.0	54.5	Yes	2,609,000	0	
28	2,002	6.4	65.1	Yes	2,608,000	0	
29	1,986	5.3	66.0	Yes	2,591,000	0	
30	2,007	5.3	66.3	Yes	2,590,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton		Signature: 			Cert #: D6098/T6098		Date: 12/1/2025

Notes: * Willamette Wellfield Off