


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 12 / 2024


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	0.091	0.089	0.084	0.080	0.080	0.087	0.165	1,869
2	0.087	0.087	0.082	0.078	0.078	0.079	0.173	1,876
3	0.091	0.084	0.078	0.076	0.076	0.077	0.091	1,797
4	0.080	0.080	0.076	0.074	0.074	0.074	0.081	1,816
5	0.079	0.078	0.074	0.072	0.074	0.087	0.173	2,003
6	0.087	0.080	0.074	0.072	0.072	0.079	0.089	1,824
7	0.084	0.080	0.074	0.072	0.072	0.072	0.084	1,743
8	0.072	0.076	0.074	0.072	0.071	0.075	0.138	1,735
9	0.077	0.078	0.072	0.071	0.071	0.073	0.200	1,993
10	0.080	0.072	0.069	0.067	0.067	0.068	0.131	1,918
11	0.068	0.069	0.067	0.065	0.063	0.073	0.102	2,078
12	0.072	0.067	0.065	0.063	0.064	0.064	0.098	1,967
13	0.064	0.067	0.065	0.063	0.063	0.063	0.079	1,933
14	0.063	0.065	0.063	0.063	0.063	0.063	0.102	1,833
15	0.063	0.065	0.063	0.061	0.061	0.061	0.109	1,982
16	0.064	0.067	0.063	0.136	0.134	0.166	0.227	2,005
17	0.167	0.148	0.142	0.141	0.141	0.160	0.171	1,940
18	0.171	0.161	0.156	0.186	0.202	0.227	0.238	1,959
19	0.237	0.198	0.178	0.171	0.161	0.208	0.247	1,973
20	0.221	0.189	0.172	0.161	0.159	0.166	0.221	1,943
21	0.184	0.171	0.156	0.148	0.146	0.182	0.199	1,868
22	0.199	0.174	0.154	0.145	0.139	0.145	0.199	1,807
23	0.153	0.149	0.141	0.136	0.134	0.162	0.175	1,790
24	0.174	0.153	0.139	0.133	0.134	0.153	0.175	1,808
25	0.171	0.157	0.142	0.136	0.133	0.136	0.171	1,809
26	0.141	0.146	0.141	0.138	0.138	0.156	0.179	1,790
27	0.174	0.161	0.150	0.146	0.144	0.172	0.179	1,808
28	0.176	0.161	0.156	0.152	0.150	0.175	0.193	1,751
29	0.186	0.174	0.167	0.165	0.163	0.208	0.238	1,976
30	0.237	0.200	0.178	0.167	0.163	0.206	0.257	1,732
31	0.223	0.187	0.167	0.157	0.154	0.188	0.240	1,824

Slow Sand Filtration				Monthly UV Summary				
95% of turbidity readings ≤ 1 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				Is the volume of off-spec water produced less than 5% in the month?				
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
				Printed Name: Dave Embleton				
				Signature: 			Date: 1/7/2025	
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 = 6.31 Achieved = 69.97	

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: 12 / 2024

Mininum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 2.69%			
Minimum Validated UVT: 96.2%			Min. UV Dose achieved/intended this month: 22.7 / 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	1,869	4.1	54.3	Yes	2,354,000	0	
2	1,876	4.2	47.8	Yes	2,379,000	0	
3	1,797	4.2	49.3	Yes	2,359,000	0	
4	1,816	4.2	49.3	Yes	2,415,000	0	
5	2,003	4.3	44.8	Yes	2,436,000	0	
6	1,824	4.3	45.7	Yes	2,462,000	0	
7	1,743	4.4	56.7	Yes	2,456,000	0	
8	1,735	4.5	58.9	Yes	2,411,000	0	
9	1,993	4.6	58.5	Yes	2,372,000	0	
10	1,918	4.3	55.1	Yes	2,431,000	0	
11	2,078	0.0	22.7	Yes	2,154,000	0	
12	1,967	4.3	55.3	Yes	2,450,000	0	
13	1,933	4.3	57.6	Yes	2,515,000	0	
14	1,833	4.6	55.3	Yes	2,500,000	0	
15	1,982	4.4	55.2	Yes	2,469,000	0	
16	2,005	4.3	51.7	Yes	2,558,000	0	
17	1,940	4.4	45.7	Yes	2,588,000	0	
18	1,959	4.2	44.0	Yes	2,507,000	0	
19	1,973	3.7	48.7	Yes	2,431,000	0	
20	1,943	3.7	45.1	Yes	2,542,000	0	
21	1,868	3.7	52.9	Yes	2,391,000	0	
22	1,807	4.1	54.8	Yes	2,361,000	0	
23	1,790	4.0	47.8	Yes	2,353,000	0	
24	1,808	4.1	48.0	Yes	2,394,000	0	
25	1,809	4.2	48.5	Yes	2,319,000	0	
26	1,790	0.0	43.4	Yes	2,235,000	0	
27	1,808	3.7	46.2	Yes	2,440,000	0	
28	1,751	3.7	50.8	Yes	2,420,000	0	
29	1,976	4.0	51.9	Yes	2,462,000	0	
30	1,732	3.8	49.4	Yes	2,366,000	0	
31	1,824	3.9	45.8	Yes	2,387,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton		Signature: 			Cert #: D6098/T6098		Date: 1/7/2025

Notes: * Willamette Wellfield Off