


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 5 / 2023


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	0.237	0.180	0.166	0.162	0.234	0.257	0.257	1,969
2	0.212	0.176	0.166	0.158	0.183	0.257	0.257	1,911
3	0.223	0.176	0.166	0.290	0.331	0.540	0.714	1,876
4	0.716	0.618	0.277	0.219	0.225	0.342	0.749	2,124
5	0.546	0.494	0.287	0.230	0.279	0.477	0.564	1,926
6	0.482	0.349	0.271	0.247	0.290	0.566	0.634	1,874
7	0.625	0.467	0.314	0.271	0.336	0.733	0.793	1,744
8	0.797	0.797	0.797	0.259	0.262	0.419	0.836	2,004
9	0.481	0.343	0.265	0.241	0.316	0.729	0.816	1,786
10	0.814	0.814	0.810	0.174	0.273	0.310	0.858	2,076
11	0.243	0.186	0.168	0.190	0.255	0.531	0.696	2,304
12	0.693	0.472	0.254	0.199	0.323	0.451	0.695	2,484
13	0.262	0.174	0.156	0.166	0.342	0.399	0.401	2,391
14	0.265	0.180	0.158	0.169	0.358	0.380	0.414	2,391
15	0.269	0.182	0.158	0.171	0.363	0.401	0.411	2,441
16	0.258	0.173	0.149	0.154	0.298	0.336	0.340	2,409
17	0.241	0.173	0.145	0.154	0.257	0.292	0.292	2,418
18	0.236	0.176	0.147	0.141	0.282	0.472	0.530	2,646
19	0.495	0.312	0.216	0.197	0.277	0.461	0.495	2,624
20	0.434	0.276	0.195	0.176	0.216	0.371	0.436	2,616
21	0.391	0.256	0.188	0.169	0.178	0.248	0.393	2,721
22	0.295	0.214	0.171	0.168	0.238	0.323	0.353	3,261
23	0.314	0.221	0.178	0.169	0.249	0.349	0.361	3,038
24	0.328	0.221	0.178	0.171	0.266	0.371	0.384	3,222
25	0.331	0.219	0.184	0.166	0.244	0.344	0.376	3,165
26	0.325	0.227	0.178	0.171	0.225	0.309	0.341	3,337
27	0.297	0.206	0.178	0.168	0.199	0.292	0.317	2,786
28	0.287	0.203	0.171	0.164	0.225	0.305	0.311	2,660
29	0.289	0.203	0.180	0.182	0.251	0.288	0.299	2,791
30	0.278	0.195	0.174	0.172	0.256	0.351	0.353	2,751
31	0.287	0.224	0.208	0.219	0.305	0.357	0.357	3,009

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: 6/6/2023
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 = 5.69 Achieved = 37.01

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: 5 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 1.68%			
Minimum Validated UVT: 96.1%			Min. UV Dose achieved/intended this month: 38.8 / 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	1,969	4.6	44.5	Yes	2,617,000	0	
2	1,911	4.3	46.0	Yes	2,613,000	0	
3	1,876	4.5	46.2	Yes	2,387,000	0	
4	2,124	4.0	46.5	Yes	2,421,000	0	
5	1,926	3.7	45.1	Yes	2,462,000	0	
6	1,874	4.4	45.9	Yes	2,450,000	0	
7	1,744	3.9	44.8	Yes	2,137,000	0	
8	2,004	5.5	45.8	Yes	1,572,000	0	
9	1,786	3.7	44.8	Yes	2,136,000	0	
10	2,076	5.3	45.0	Yes	1,456,000	0	
11	2,304	4.4	43.0	Yes	2,849,000	0	
12	2,484	3.8	43.9	Yes	3,230,000	0	
13	2,391	4.5	44.4	Yes	3,360,000	0	
14	2,391	4.5	43.7	Yes	3,347,000	0	
15	2,441	4.0	44.9	Yes	3,358,000	0	
16	2,409	4.1	43.0	Yes	3,336,000	0	
17	2,418	4.3	45.0	Yes	3,357,000	0	
18	2,646	4.7	43.5	Yes	3,460,000	0	
19	2,624	4.3	43.3	Yes	3,642,000	0	
20	2,616	4.5	43.9	Yes	3,646,000	0	
21	2,721	4.6	43.6	Yes	3,641,000	0	
22	3,261	4.5	44.6	Yes	4,047,000	0	
23	3,038	4.3	45.0	Yes	4,217,000	0	
24	3,222	4.2	45.3	Yes	4,164,000	0	
25	3,165	4.2	43.4	Yes	4,308,000	0	
26	3,337	4.3	40.1	Yes	3,603,000	0	
27	2,786	4.5	39.8	Yes	3,677,000	0	
28	2,660	4.6	38.8	Yes	3,675,000	0	
29	2,791	4.2	40.2	Yes	3,697,000	0	
30	4,069	4.6	39.8	Yes	2,131,000	0	
31	3,009	4.0	44.4	Yes	3,491,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 6/7/2023

Notes: * Willamette Wellfield Off