


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 12 / 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	0.212	0.203	0.197	0.197	0.204	0.216	0.220	1,685
2	0.206	0.201	0.199	0.199	0.209	0.214	0.214	1,956
3	0.214	0.212	0.209	0.209	0.219	0.231	0.233	1,747
4	0.233	0.254	0.276	0.275	0.338	0.353	0.353	1,657
5	0.352	0.353	0.352	0.345	0.378	0.365	0.379	1,671
6	0.336	0.323	0.321	0.321	0.345	0.338	0.354	1,680
7	0.317	0.306	0.303	0.297	0.303	0.314	0.317	1,610
8	0.297	0.289	0.289	0.289	0.340	0.352	0.357	1,697
9	0.309	0.295	0.291	0.289	0.310	0.316	0.319	1,908
10	0.295	0.289	0.286	0.286	0.286	0.292	0.295	1,839
11	0.286	0.286	0.286	0.312	0.351	0.367	0.368	1,938
12	0.321	0.301	0.287	0.278	0.299	0.314	0.321	1,936
13	0.274	0.258	0.249	0.245	0.290	0.301	0.301	2,115
14	0.261	0.247	0.239	0.239	0.286	0.307	0.307	1,934
15	0.274	0.260	0.251	0.247	0.273	0.286	0.286	1,839
16	0.265	0.254	0.245	0.241	0.271	0.317	0.317	1,716
17	0.278	0.254	0.243	0.234	0.246	0.258	0.278	1,644
18	0.245	0.234	0.226	0.223	0.244	0.264	0.264	1,740
19	0.251	0.237	0.232	0.228	0.252	0.294	0.294	1,715
20	0.264	0.251	0.237	0.226	0.244	0.268	0.268	1,822
21	0.247	0.230	0.219	0.221	0.236	0.292	0.299	1,825
22	0.280	0.245	0.228	0.217	0.213	0.248	0.280	1,987
23	0.247	0.219	0.204	0.195	0.191	0.227	0.247	1,968
24	0.223	0.201	0.189	0.180	0.178	0.204	0.223	1,798
25	0.212	0.193	0.188	0.180	0.178	0.199	0.212	1,837
26	0.199	0.182	0.178	0.173	0.169	0.227	0.238	1,700
27	0.234	0.199	0.180	0.171	0.168	0.227	0.264	1,738
28	0.262	0.209	0.189	0.184	0.184	0.212	0.262	1,738
29	0.223	0.206	0.203	0.201	0.201	0.255	0.255	1,784
30	0.247	0.231	0.224	0.222	0.223	0.281	0.292	1,753
31	0.291	0.264	0.252	0.243	0.237	0.269	0.291	1,656

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: 1/8/2024
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 = 6.09 Achieved = 62.62

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 / 2023

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 5.08%			
Minimum Validated UVT: 96.5%			Min. UV Dose achieved/intended this month: 43.9 / 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	1,685	4.8	49.7	Yes	2,265,000	0	
2	1,956	4.9	49.8	Yes	2,342,000	0	
3	1,747	5.0	68.9	Yes	2,311,000	0	
4	1,657	4.6	46.7	Yes	2,235,000	0	
5	1,671	4.0	44.3	Yes	2,275,000	0	
6	1,680	4.1	45.4	Yes	2,284,000	0	
7	1,610	4.2	55.9	Yes	2,240,000	0	
8	1,697	4.1	49.8	Yes	2,252,000	0	
9	1,908	4.2	57.5	Yes	2,191,000	0	
10	1,839	4.2	45.6	Yes	2,119,000	0	
11	1,938	4.2	43.9	Yes	2,254,000	0	
12	1,936	4.3	45.6	Yes	2,328,000	0	
13	2,115	4.3	59.5	Yes	1,662,000	0	
14	1,934	4.4	46.9	Yes	2,297,000	0	
15	1,839	4.3	58.2	Yes	2,313,000	0	
16	1,716	4.3	48.6	Yes	2,292,000	0	
17	1,644	4.3	48.4	Yes	2,252,000	0	
18	1,740	4.2	46.2	Yes	2,304,000	0	
19	1,715	4.2	47.8	Yes	2,327,000	0	
20	1,822	4.3	54.9	Yes	2,300,000	0	
21	1,825	4.4	49.4	Yes	2,430,000	0	
22	1,987	4.4	52.6	Yes	2,496,000	0	
23	1,968	4.4	57.9	Yes	2,389,000	0	
24	1,798	4.4	46.1	Yes	2,378,000	0	
25	1,837	4.3	45.7	Yes	2,388,000	0	
26	1,700	4.4	57.4	Yes	2,335,000	0	
27	1,738	4.2	47.9	Yes	2,362,000	0	
28	1,738	4.3	55.4	Yes	2,344,000	0	
29	1,784	4.0	44.1	Yes	2,346,000	0	
30	1,753	3.9	44.1	Yes	2,351,000	0	
31	1,656	3.7	49.9	Yes	2,279,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 1/8/2024

Notes: * Willamette Wellfield Off