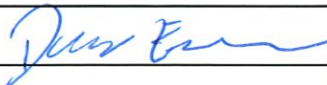


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 6 / 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	0.284	0.223	0.204	0.199	0.301	0.325	0.326	2,969
2	0.275	0.208	0.188	0.183	0.260	0.312	0.324	2,696
3	0.274	0.206	0.188	0.184	0.253	0.316	0.316	2,973
4	0.279	0.212	0.189	0.186	0.252	0.323	0.326	2,983
5	0.286	0.216	0.193	0.191	0.258	0.311	0.314	3,271
6	0.282	0.212	0.191	0.186	0.253	0.314	0.336	3,215
7	0.297	0.212	0.193	0.186	0.249	0.324	0.329	3,043
8	0.286	0.218	0.195	0.195	0.258	0.327	0.327	3,265
9	0.280	0.217	0.195	0.189	0.233	0.309	0.325	3,378
10	0.293	0.219	0.199	0.191	0.277	0.398	0.419	3,241
11	0.364	0.239	0.209	0.201	0.309	0.468	0.503	3,208
12	0.439	0.262	0.223	0.221	0.394	0.601	0.627	3,174
13	0.558	0.304	0.243	0.240	0.418	0.584	0.629	3,218
14	0.558	0.299	0.239	0.229	0.379	0.748	0.764	3,461
15	0.586	0.334	0.254	0.191	0.341	0.691	0.760	3,377
16	0.803	0.211	0.160	0.157	0.346	0.502	0.820	3,110
17	0.366	0.212	0.168	0.160	0.188	0.284	0.368	3,330
18	0.258	0.180	0.154	0.174	0.211	0.307	0.373	3,295
19	0.371	0.267	0.197	0.182	0.207	0.284	0.371	3,275
20	0.325	0.269	0.201	0.178	0.212	0.375	0.452	3,433
21	0.404	0.289	0.214	0.188	0.233	0.551	0.607	3,212
22	0.582	0.421	0.271	0.216	0.203	0.340	0.582	3,086
23	0.332	0.232	0.184	0.174	0.231	0.386	0.401	2,834
24	0.345	0.241	0.193	0.176	0.218	0.411	0.440	2,944
25	0.374	0.246	0.195	0.184	0.258	0.490	0.516	2,903
26	0.406	0.262	0.203	0.188	0.282	0.496	0.524	2,823
27	0.447	0.280	0.219	0.203	0.296	0.529	0.557	2,823
28	0.471	0.287	0.219	0.210	0.214	0.353	0.471	3,093
29	0.284	0.216	0.173	0.160	0.210	0.375	0.401	2,893
30	0.352	0.231	0.178	0.168	0.210	0.336	0.355	2,953

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: 7/6/2023
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 = 4.44 Achieved = 34.67

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: 6 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 6.11%			
Minimum Validated UVT: 97.2%			Min. UV Dose achieved/intended this month: 43.1 / 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	2,969	4.3	43.8	Yes	2,881,000	0	
2	2,696	4.1	43.6	Yes	3,729,000	0	
3	2,973	4.5	44.8	Yes	3,590,000	0	
4	2,983	4.5	43.4	Yes	3,984,000	0	
5	3,271	5.1	43.4	Yes	4,152,000	0	
6	3,215	4.1	44.3	Yes	4,270,000	0	
7	3,043	4.2	44.7	Yes	4,306,000	0	
8	3,265	4.3	44.0	Yes	4,232,000	0	
9	3,378	4.4	43.8	Yes	4,300,000	0	
10	3,241	4.1	43.8	Yes	4,307,000	0	
11	3,208	4.2	45.6	Yes	4,401,000	0	
12	3,174	4.0	44.9	Yes	4,466,000	0	
13	3,218	4.1	43.9	Yes	4,529,000	0	
14	3,461	4.3	45.2	Yes	4,427,000	0	
15	3,377	4.0	43.3	Yes	3,952,000	0	
16	3,110	4.3	44.5	Yes	3,880,000	0	
17	3,330	4.5	45.2	Yes	4,326,000	0	
18	3,295	5.4	43.1	Yes	4,485,000	0	
19	3,275	5.6	44.2	Yes	4,581,000	0	
20	3,433	4.2	45.6	Yes	4,531,000	0	
21	3,212	4.2	46.6	Yes	4,344,000	0	
22	3,086	4.0	44.2	Yes	4,013,000	0	
23	2,834	4.4	44.6	Yes	3,965,000	0	
24	2,944	5.1	43.4	Yes	3,970,000	0	
25	2,903	5.1	43.8	Yes	3,977,000	0	
26	2,823	5.1	43.1	Yes	3,991,000	0	
27	2,823	5.0	43.5	Yes	3,960,000	0	
28	3,093	5.0	43.8	Yes	2,882,000	0	
29	2,893	5.0	43.5	Yes	4,007,000	0	
30	2,953	5.3	43.2	Yes	4,163,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton		Signature: 			Cert #: D6098/T6098		Date: 7/6/2023

Notes: * Willamette Wellfield Off