


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 2 / 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	0.304	0.239	0.197	0.179	0.248	0.392	0.396	2,141
2	0.338	0.260	0.204	0.186	0.240	0.347	0.347	2,141
3	0.301	0.242	0.199	0.180	0.192	0.272	0.301	1,840
4	0.260	0.221	0.195	0.182	0.205	0.261	0.261	1,845
5	0.234	0.206	0.188	0.180	0.201	0.277	0.278	1,893
6	0.262	0.225	0.197	0.220	0.281	0.355	0.355	2,054
7	0.291	0.241	0.212	0.212	0.212	0.212	0.293	1,662
8	0.212	0.288	0.288	0.312	0.299	0.368	0.404	3,004
9	0.403	0.304	0.262	0.254	0.303	0.434	0.455	2,018
10	0.431	0.316	0.289	0.268	0.307	0.544	0.609	2,041
11	0.567	0.364	0.306	0.291	0.303	0.599	0.748	1,847
12	0.754	0.427	0.331	0.303	0.334	0.719	0.834	2,168
13	0.708	0.710	0.695	0.188	0.227	0.281	0.755	1,944
14	0.229	0.193	0.179	0.173	0.233	0.286	0.287	2,127
15	0.229	0.191	0.175	0.168	0.236	0.327	0.327	1,893
16	0.256	0.203	0.184	0.179	0.229	0.301	0.311	1,824
17	0.287	0.232	0.208	0.199	0.279	0.424	0.433	1,900
18	0.356	0.252	0.208	0.191	0.248	0.382	0.390	1,839
19	0.327	0.236	0.201	0.188	0.273	0.459	0.468	1,996
20	0.375	0.251	0.201	0.182	0.284	0.436	0.437	1,845
21	0.323	0.229	0.193	0.180	0.227	0.298	0.325	1,920
22	0.256	0.203	0.180	0.168	0.292	0.461	0.461	2,124
23	0.301	0.212	0.180	0.169	0.305	0.416	0.416	1,952
24	0.284	0.208	0.179	0.168	0.351	0.557	0.557	1,906
25	0.336	0.227	0.193	0.182	0.416	0.636	0.637	1,964
26	0.382	0.254	0.216	0.201	0.303	0.411	0.411	1,925
27	0.314	0.236	0.206	0.220	0.411	0.421	0.435	1,961
28	0.327	0.279	0.249	0.239	0.411	0.433	0.476	1,713

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: 3/7/2023
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 = 7.52 Achieved = 36.72

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: 2 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.94%			
Minimum Validated UVT: 95.6%			Min. UV Dose achieved/intended this month: 43.3 / 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	2,141	2.7	46.8	Yes	2,558,000	0	
2	2,141	4.3	44.3	Yes	2,537,000	0	
3	1,840	3.1	44.5	Yes	2,531,000	0	
4	1,845	3.3	44.2	Yes	2,529,000	0	
5	1,893	3.3	46.6	Yes	2,508,000	0	
6	2,054	3.4	44.7	Yes	2,414,000	0	
7	1,662	3.7	50.5	Yes	743,000	0	
8	3,004	4.0	47.6	Yes	1,011,000	0	
9	2,018	3.9	50.8	Yes	1,888,000	0	
10	2,041	3.9	44.0	Yes	2,644,000	0	
11	1,847	3.8	44.6	Yes	2,259,000	0	
12	2,168	3.9	44.8	Yes	2,105,000	0	
13	1,944	4.2	47.4	Yes	1,355,000	0	
14	2,127	3.7	44.5	Yes	1,821,000	0	
15	1,893	3.3	44.2	Yes	2,286,000	0	
16	1,824	3.6	43.4	Yes	2,401,000	0	
17	1,900	3.5	44.6	Yes	2,591,000	0	
18	1,839	3.5	44.4	Yes	2,558,000	0	
19	1,996	3.7	43.3	Yes	2,553,000	0	
20	1,845	3.5	43.8	Yes	2,538,000	0	
21	1,920	3.3	44.5	Yes	2,645,000	0	
22	2,124	3.7	44.6	Yes	2,603,000	0	
23	1,952	3.5	43.7	Yes	2,632,000	0	
24	1,906	3.6	44.7	Yes	2,560,000	0	
25	1,964	3.5	44.7	Yes	2,559,000	0	
26	1,925	3.2	58.2	Yes	2,570,000	0	
27	1,961	3.3	44.8	Yes	2,434,000	0	
28	1,713	3.3	44.0	Yes	2,302,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 3/7/2023

Notes: * Willamette Wellfield Off