


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data


System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 8 / 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	0.474	0.384	0.284	0.247	0.301	0.390	0.474	3,220
2	0.424	0.349	0.269	0.243	0.299	0.397	0.514	3,264
3	0.423	0.341	0.263	0.239	0.260	0.321	0.425	3,291
4	0.313	0.259	0.222	0.209	0.256	0.360	0.390	3,000
5	0.389	0.293	0.228	0.294	0.282	0.434	0.492	3,056
6	0.467	0.330	0.256	0.237	0.277	0.392	0.469	3,165
7	0.412	0.321	0.256	0.288	0.277	0.375	0.414	2,963
8	0.414	0.321	0.251	0.228	0.236	0.336	0.414	3,221
9	0.371	0.308	0.252	0.232	0.257	0.371	0.416	3,163
10	0.416	0.334	0.261	0.239	0.269	0.368	0.460	2,952
11	0.426	0.336	0.264	0.241	0.258	0.351	0.426	2,887
12	0.416	0.343	0.261	0.239	0.244	0.319	0.417	3,281
13	0.364	0.293	0.239	0.222	0.240	0.331	0.419	2,852
14	0.414	0.365	0.265	0.236	0.249	0.310	0.414	2,906
15	0.336	0.301	0.245	0.228	0.234	0.314	0.372	2,991
16	0.369	0.308	0.245	0.222	0.227	0.303	0.369	2,887
17	0.349	0.304	0.241	0.222	0.227	0.287	0.349	2,845
18	0.274	0.241	0.217	0.207	0.214	0.275	0.312	2,826
19	0.312	0.280	0.234	0.213	0.225	0.297	0.418	2,885
20	0.347	0.303	0.243	0.221	0.231	0.308	0.411	2,923
21	0.349	0.314	0.245	0.217	0.234	0.325	0.409	3,281
22	0.367	0.317	0.254	0.228	0.233	0.256	0.367	2,945
23	0.251	0.224	0.211	0.212	0.229	0.254	0.344	3,192
24	0.267	0.237	0.217	0.207	0.214	0.278	0.351	2,825
25	0.302	0.271	0.230	0.211	0.252	0.329	0.347	2,727
26	0.347	0.287	0.241	0.098	0.122	0.158	0.377	3,090
27	0.151	0.117	0.108	0.000	0.119	0.167	0.169	3,026
28	0.147	0.115	0.106	0.110	0.143	0.180	0.221	2,734
29	0.186	0.111	0.099	0.099	0.126	0.166	0.221	3,078
30	0.143	0.109	0.096	0.093	0.129	0.166	0.177	3,015
31	0.146	0.109	0.099	0.095	0.121	0.169	0.169	2,967
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: 9/5/2024	
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 = 3.38 Achieved = 35.95	

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: 8 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 5.04%			
Minimum Validated UVT: 95.4%			Min. UV Dose achieved/intended this month: 42.7 / 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	3,220	4.4	45.2	Yes	4,235,000	0	
2	3,264	5.3	45.1	Yes	4,204,000	0	
3	3,291	4.5	45.1	Yes	4,208,000	0	
4	3,000	5.5	45.2	Yes	4,239,000	0	
5	3,056	4.6	45.2	Yes	4,246,000	0	
6	3,165	5.4	45.1	Yes	4,200,000	0	
7	2,963	4.4	45.1	Yes	3,851,000	0	
8	3,221	4.4	43.3	Yes	4,063,000	0	
9	3,163	4.5	45.0	Yes	4,094,000	0	
10	2,952	5.2	44.0	Yes	4,023,000	0	
11	2,887	4.4	44.4	Yes	4,073,000	0	
12	3,281	4.4	45.0	Yes	4,044,000	0	
13	2,852	4.4	42.9	Yes	4,014,000	0	
14	2,906	4.3	44.5	Yes	4,039,000	0	
15	2,991	4.4	42.7	Yes	4,040,000	0	
16	2,887	4.5	45.1	Yes	3,984,000	0	
17	2,845	5.1	44.1	Yes	3,990,000	0	
18	2,826	5.2	43.4	Yes	3,946,000	0	
19	2,885	5.2	43.1	Yes	3,929,000	0	
20	2,923	5.2	45.1	Yes	3,653,000	0	
21	3,281	4.6	45.1	Yes	3,902,000	0	
22	2,945	4.6	42.8	Yes	4,153,000	0	
23	3,192	4.6	45.3	Yes	4,133,000	0	
24	2,825	5.2	43.2	Yes	3,892,000	0	
25	2,727	5.0	43.4	Yes	3,829,000	0	
26	3,090	5.3	46.3	Yes	3,528,000	0	
27	3,026	5.1	44.2	Yes	3,460,000	0	
28	2,734	4.6	43.5	Yes	3,048,000	0	
29	3,078	4.7	43.5	Yes	3,672,000	0	
30	3,015	4.7	42.9	Yes	3,980,000	0	
31	2,967	5.1	43.2	Yes	3,953,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 9/5/2024

Notes: * Willamette Wellfield Off