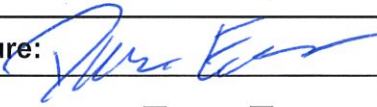


# Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 7 / 2022


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	0.267	0.186	0.145	0.134	0.134	0.187	0.267	2,310
2	0.248	0.180	0.141	0.129	0.129	0.166	0.248	2,460
3	0.222	0.176	0.142	0.132	0.134	0.172	0.225	2,307
4	0.226	0.196	0.150	0.139	0.141	0.213	0.311	2,427
5	0.311	0.227	0.168	0.158	0.176	0.227	0.312	2,463
6	0.229	0.202	0.169	0.159	0.183	0.225	0.251	2,479
7	0.251	0.226	0.179	0.164	0.193	0.245	0.281	2,506
8	0.281	0.262	0.192	0.169	0.202	0.273	0.305	2,494
9	0.305	0.292	0.202	0.172	0.229	0.283	0.318	2,454
10	0.318	0.282	0.198	0.175	0.265	0.319	0.346	2,469
11	0.346	0.278	0.211	0.184	0.292	0.336	0.361	2,826
12	0.349	0.281	0.224	0.197	0.305	0.367	0.384	2,957
13	0.351	0.278	0.229	0.206	0.315	0.403	0.440	2,850
14	0.345	0.276	0.224	0.202	0.306	0.421	0.448	2,790
15	0.334	0.271	0.222	0.204	0.277	0.388	0.391	3,392
16	0.326	0.263	0.206	0.180	0.178	0.197	0.333	2,848
17	0.215	0.189	0.166	0.155	0.172	0.264	0.276	2,836
18	0.261	0.217	0.172	0.165	0.168	0.251	0.262	2,967
19	0.207	0.154	0.138	0.131	0.162	0.239	0.239	2,777
20	0.206	0.157	0.135	0.128	0.285	0.321	0.332	3,039
21	0.330	0.264	0.214	0.176	0.187	0.220	0.330	3,246
22	0.250	0.248	0.207	0.204	0.208	0.243	0.387	3,157
23	0.276	0.252	0.214	0.202	0.206	0.278	0.338	2,889
24	0.338	0.284	0.229	0.213	0.233	0.310	0.368	2,804
25	0.368	0.311	0.242	0.235	0.299	0.379	0.379	2,869
26	0.384	0.289	0.249	0.228	0.279	0.345	0.384	3,066
27	0.352	0.271	0.235	0.222	0.268	0.323	0.352	3,111
28	0.341	0.264	0.229	0.218	0.265	0.337	0.352	3,020
29	0.349	0.266	0.229	0.219	0.270	0.341	0.357	3,223
30	0.353	0.274	0.235	0.220	0.264	0.323	0.509	3,185
31	0.311	0.251	0.227	0.216	0.256	0.326	0.341	3,228

<b>Slow Sand Filtration</b>		<b>Monthly UV Summary</b>	
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: 8/2/2022
Is there a 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			CT <sub>viral</sub> Required = 4.33 Achieved = 32.24

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: 7 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.59%			
Minimum Validated UVT: 95.4%			Min. UV Dose achieved/intended this month: 42.9 / 38 mJ/cm <sup>2</sup>				
Day	Peak Hourly Demand Flow [gpm/unit]	Minimum Intensity [mW/cm <sup>2</sup> ]	Minimum Dose [mJ/cm <sup>2</sup> ]	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	2,310	4.1	44.9	Yes	3,196,000	0	
2	2,460	4.0	44.9	Yes	3,233,000	0	
3	2,307	3.9	44.8	Yes	3,202,000	0	
4	2,427	3.9	44.7	Yes	3,191,000	0	
5	2,463	3.8	44.0	Yes	3,334,000	0	
6	2,479	4.4	44.0	Yes	3,438,000	0	
7	2,506	4.1	43.1	Yes	3,428,000	0	
8	2,494	4.5	44.3	Yes	3,432,000	0	
9	2,454	4.6	44.6	Yes	3,432,000	0	
10	2,469	4.6	44.2	Yes	3,428,000	0	
11	2,826	4.6	43.1	Yes	3,699,000	0	
12	2,957	5.0	44.0	Yes	3,866,000	0	
13	2,850	3.9	44.4	Yes	3,866,000	0	
14	2,790	4.1	45.5	Yes	3,897,000	0	
15	3,392	5.2	43.6	Yes	4,097,000	0	
16	2,848	5.1	43.7	Yes	3,978,000	0	
17	2,836	4.9	43.5	Yes	3,963,000	0	
18	2,967	5.1	43.0	Yes	3,232,000	0	
19	2,777	3.9	42.9	Yes	3,822,000	0	
20	3,039	4.9	43.1	Yes	3,983,000	0	
21	3,246	5.6	43.0	Yes	3,911,000	0	
22	3,157	5.1	43.9	Yes	4,070,000	0	
23	2,889	4.2	45.0	Yes	3,807,000	0	
24	2,804	4.8	43.9	Yes	3,784,000	0	
25	2,869	3.9	44.6	Yes	3,907,000	0	
26	3,066	4.0	44.1	Yes	4,173,000	0	
27	3,111	4.2	45.0	Yes	4,262,000	0	
28	3,020	4.1	44.9	Yes	4,254,000	0	
29	3,223	4.1	44.6	Yes	4,264,000	0	
30	3,185	4.3	45.1	Yes	4,255,000	0	
31	3,228	4.3	45.1	Yes	4,250,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 8/2/2022

Notes: \* Willamette Wellfield Off