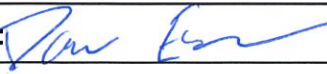


## Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 1 / 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	0.052	0.052	0.052	0.051	0.051	0.051	0.052	1,741
2	0.051	0.051	0.051	0.051	0.051	0.051	0.051	1,795
3	0.051	0.051	0.053	0.251	0.242	0.234	0.252	1,856
4	0.224	0.215	0.198	0.193	0.193	0.212	0.224	1,908
5	0.209	0.202	0.199	0.199	0.199	0.216	0.216	1,931
6	0.216	0.215	0.211	0.208	0.244	0.273	0.282	2,020
7	0.209	0.209	0.209	0.204	0.231	0.250	0.254	2,229
8	0.254	0.247	0.246	0.241	0.279	0.360	0.361	1,794
9	0.314	0.289	0.268	0.265	0.281	0.351	0.352	1,837
10	0.309	0.284	0.266	0.263	0.286	0.339	0.339	1,800
11	0.285	0.243	0.235	0.248	0.236	0.270	0.286	2,033
12	0.256	0.259	0.248	0.247	0.264	0.314	0.314	1,737
13	0.309	0.292	0.272	0.218	0.218	0.234	0.309	1,888
14	0.242	0.241	0.223	0.209	0.207	0.236	0.244	1,908
15	0.240	0.248	0.238	0.219	0.212	0.234	0.316	1,835
16	0.242	0.246	0.234	0.218	0.210	0.210	0.246	1,941
17	0.217	0.217	0.214	0.206	0.208	0.238	0.245	1,880
18	0.245	0.254	0.249	0.236	0.224	0.232	0.255	1,926
19	0.234	0.243	0.244	0.219	0.214	0.219	0.252	2,019
20	0.218	0.213	0.208	0.202	0.201	0.209	0.218	1,853
21	0.213	0.213	0.202	0.199	0.197	0.220	0.229	1,889
22	0.229	0.228	0.214	0.197	0.191	0.228	0.237	1,826
23	0.237	0.235	0.221	0.208	0.203	0.248	0.258	1,776
24	0.253	0.236	0.226	0.223	0.222	0.221	0.256	1,734
25	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
26	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
27	0.216	0.216	0.216	0.216	0.229	0.236	0.237	1,893
28	0.236	0.236	0.236	0.236	0.178	0.216	0.246	2,250
29	0.216	0.188	0.176	0.168	0.171	0.216	0.219	2,048
30	0.204	0.177	0.167	0.161	0.157	0.202	0.204	1,944
31	0.182	0.166	0.159	0.154	0.156	0.194	0.196	2,131

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: 2/7/2022
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 = 6.86 Achieved = 48.06

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: 1 / 2022

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 14.14%			
Minimum Validated UVT: 95.8%			Min. UV Dose achieved/intended this month: 43.2 / 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	1,741	3.7	50.9	Yes	2,359,000	0	
2	1,795	3.7	46.3	Yes	2,336,000	0	
3	1,856	3.8	48.8	Yes	2,417,000	0	
4	1,908	3.8	50.3	Yes	2,384,000	0	
5	1,931	3.6	47.1	Yes	2,398,000	0	
6	2,020	3.6	46.9	Yes	2,054,000	0	
7	2,229	3.5	47.2	Yes	1,873,000	0	
8	1,794	3.4	45.6	Yes	2,440,000	0	
9	1,837	3.3	64.6	Yes	2,429,000	0	
10	1,800	3.3	44.0	Yes	2,387,000	0	
11	2,033	3.4	45.4	Yes	2,330,000	0	
12	1,737	3.4	45.5	Yes	2,414,000	0	
13	1,888	3.4	46.3	Yes	2,530,000	0	
14	1,908	3.4	63.1	Yes	2,573,000	0	
15	1,835	3.4	65.4	Yes	2,530,000	0	
16	1,941	3.4	66.3	Yes	2,521,000	0	
17	1,880	3.4	62.4	Yes	2,560,000	0	
18	1,926	3.4	55.3	Yes	2,601,000	0	
19	2,019	3.4	46.9	Yes	2,632,000	0	
20	1,853	3.5	45.8	Yes	2,581,000	0	
21	1,889	3.6	45.5	Yes	2,549,000	0	
22	1,826	3.5	45.6	Yes	2,519,000	0	
23	1,776	3.5	45.1	Yes	2,470,000	0	
24	1,734	3.9	46.9	Yes	818,000	0	
25	Off*	Off*	Off*	Off*	Off*	Off*	
26	Off*	Off*	Off*	Off*	Off*	Off*	
27	1,893	3.4	43.4	Yes	314,000	0	
28	2,250	3.5	44.8	Yes	1,539,000	0	
29	2,048	3.6	44.6	Yes	2,715,000	0	
30	1,944	3.8	44.3	Yes	2,666,000	0	
31	2,131	3.6	43.2	Yes	2,679,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>							0.00%
<b>Print Name:</b> Dave Embleton		<b>Signature:</b> 			<b>Cert #:</b> D6098/T6098		<b>Date:</b> 2/7/2022

Notes: \* Willamette Wellfield Off