


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


System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 1 / 2021

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	0.227	0.226	0.226	0.226	0.321	0.278	0.329	1,779
2	0.252	0.248	0.247	0.250	0.293	0.296	0.305	2,020
3	0.271	0.268	0.267	0.274	0.402	0.350	0.403	1,791
4	0.311	0.306	0.294	0.296	0.384	0.373	0.403	1,781
5	0.293	0.255	0.233	0.223	0.273	0.241	0.294	1,813
6	0.198	0.182	0.171	0.168	0.173	0.189	0.198	1,864
7	0.163	0.149	0.141	0.134	0.158	0.234	0.234	1,887
8	0.164	0.136	0.126	0.121	0.127	0.169	0.169	2,028
9	0.138	0.121	0.114	0.109	0.134	0.195	0.195	1,914
10	0.146	0.119	0.111	0.106	0.125	0.163	0.204	1,921
11	0.133	0.116	0.108	0.105	0.151	0.158	0.164	1,929
12	0.133	0.123	0.116	0.113	0.113	0.126	0.132	1,817
13	0.117	0.111	0.107	0.106	0.131	0.153	0.153	2,048
14	0.114	0.103	0.099	0.096	0.126	0.145	0.146	1,918
15	0.114	0.106	0.100	0.099	0.106	0.113	0.114	1,837
16	0.106	0.102	0.098	0.096	0.122	0.143	0.143	1,816
17	0.114	0.104	0.099	0.097	0.119	0.136	0.136	1,792
18	0.112	0.102	0.097	0.094	0.100	0.111	0.112	1,767
19	0.104	0.095	0.090	0.088	0.105	0.119	0.119	1,730
20	0.116	0.109	0.105	0.104	0.142	0.160	0.161	1,651
21	0.141	0.136	0.134	0.133	0.181	0.198	0.199	1,854
22	0.169	0.158	0.151	0.149	0.174	0.189	0.189	1,812
23	0.166	0.155	0.150	0.148	0.174	0.213	0.213	1,726
24	0.171	0.156	0.150	0.148	0.164	0.172	0.173	1,659
25	0.159	0.153	0.149	0.149	0.206	0.233	0.234	2,090
26	0.190	0.179	0.174	0.173	0.201	0.201	0.202	1,703
27	0.195	0.193	0.192	0.192	0.191	0.261	0.263	1,771
28	0.195	0.193	0.192	0.000	0.194	0.221	0.221	2,025
29	0.177	0.163	0.156	0.153	0.188	0.206	0.206	1,763
30	0.170	0.159	0.151	0.149	0.171	0.191	0.191	1,769
31	0.164	0.156	0.151	0.150	0.177	0.201	0.201	1,809

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: 2/5/2021 Phone #: (541) 726-2396 Cert #: D6098/T6098
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 = 6.60 Achieved = 49.16

## Oregon OHA - Drinking Water Services - UV Surface Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 1 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 7.33%			
Minimum Validated UVT: 92.7%			Min. UV Dose achieved/intended this month: 45.4 / 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	1,779	3.4	45.4	Yes	2,413,000	0	
2	2,020	3.6	47.7	Yes	2,287,000	0	
3	1,791	3.2	59.2	Yes	2,399,000	0	
4	1,781	3.0	49.9	Yes	2,362,000	0	
5	1,813	3.4	49.1	Yes	2,419,000	0	
6	1,864	3.7	51.2	Yes	2,548,000	0	
7	1,887	3.9	47.5	Yes	2,492,000	0	
8	2,028	4.4	46.2	Yes	2,518,000	0	
9	1,914	4.5	47.5	Yes	2,492,000	0	
10	1,921	4.5	53.1	Yes	2,351,000	0	
11	1,929	4.5	48.8	Yes	2,514,000	0	
12	1,817	4.5	49.0	Yes	2,489,000	0	
13	2,048	4.3	50.4	Yes	1,793,000	0	
14	1,918	4.1	49.9	Yes	2,422,000	0	
15	1,837	4.2	48.5	Yes	2,534,000	0	
16	1,816	4.2	50.8	Yes	2,434,000	0	
17	1,792	4.2	51.2	Yes	2,347,000	0	
18	1,767	4.6	54.6	Yes	2,267,000	0	
19	1,730	4.1	53.2	Yes	2,312,000	0	
20	1,651	3.6	48.4	Yes	2,275,000	0	
21	1,854	3.6	47.4	Yes	2,446,000	0	
22	1,812	3.8	45.6	Yes	2,429,000	0	
23	1,726	3.8	45.7	Yes	2,339,000	0	
24	1,659	3.4	46.2	Yes	2,265,000	0	
25	2,090	3.4	47.7	Yes	1,675,000	0	
26	1,703	3.4	45.4	Yes	2,312,000	0	
27	1,771	3.3	45.6	Yes	1,535,000	0	
28	2,025	3.3	45.6	Yes	1,939,000	0	
29	1,763	3.3	46.7	Yes	2,419,000	0	
30	1,769	3.9	45.4	Yes	2,367,000	0	
31	1,809	3.9	47.3	Yes	2,296,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 2/5/2021