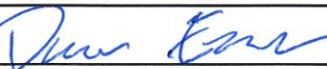


## Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 4 / 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	0.253	0.144	0.112	0.102	0.149	0.288	0.290	1,921
2	0.236	0.142	0.115	0.107	0.173	0.319	0.321	1,928
3	0.248	0.146	0.116	0.107	0.150	0.306	0.318	1,867
4	0.260	0.149	0.117	0.108	0.168	0.319	0.324	1,966
5	0.258	0.146	0.118	0.114	0.200	0.433	0.443	1,919
6	0.344	0.168	0.126	0.116	0.216	0.521	0.530	1,826
7	0.384	0.177	0.130	0.118	0.122	0.224	0.384	1,821
8	0.221	0.142	0.118	0.103	0.166	0.303	0.363	1,939
9	0.346	0.159	0.115	0.108	0.224	0.465	0.468	2,123
10	0.317	0.158	0.123	0.114	0.164	0.311	0.318	1,923
11	0.244	0.146	0.119	0.112	0.229	0.518	0.521	1,874
12	0.358	0.161	0.118	0.108	0.213	0.398	0.398	1,965
13	0.269	0.141	0.114	0.106	0.201	0.359	0.360	2,016
14	0.253	0.137	0.113	0.106	0.214	0.334	0.334	2,072
15	0.227	0.135	0.115	0.108	0.222	0.338	0.338	2,316
16	0.241	0.142	0.119	0.111	0.239	0.319	0.319	2,230
17	0.223	0.141	0.121	0.114	0.232	0.338	0.338	2,196
18	0.243	0.148	0.123	0.116	0.225	0.341	0.341	2,283
19	0.223	0.136	0.117	0.110	0.195	0.258	0.258	2,332
20	0.188	0.128	0.112	0.107	0.198	0.276	0.277	2,237
21	0.210	0.134	0.115	0.108	0.212	0.285	0.286	2,288
22	0.221	0.146	0.124	0.116	0.164	0.289	0.289	2,205
23	0.228	0.150	0.121	0.113	0.199	0.271	0.272	2,161
24	0.206	0.138	0.118	0.110	0.131	0.179	0.207	2,119
25	0.158	0.122	0.107	0.103	0.129	0.173	0.178	2,023
26	0.175	0.130	0.107	0.088	0.138	0.211	0.213	1,948
27	0.151	0.097	0.083	0.079	0.239	0.308	0.333	1,944
28	0.192	0.105	0.087	0.083	0.163	0.256	0.256	1,907
29	0.155	0.100	0.085	0.081	0.166	0.179	0.179	2,005
30	0.113	0.089	0.081	0.080	0.160	0.196	0.197	1,939

<b>Slow Sand Filtration</b>		<b>Monthly UV Summary</b>	
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	
		<b>Printed Name:</b> Dave Embleton	
		<b>Signature:</b> 	<b>Date:</b> 5/7/2021
		<b>Phone #:</b> (541) 726-2396	<b>Cert #:</b> 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 = 5.80 Achieved = 63.49	



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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 4 / 2021

Mininum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 10.42%			
Minimum Validated UVT: 95.5%			Min. UV Dose achieved/intended this month: 44.0 / 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	1,921	4.3	48.8	Yes	2,503,000	0	
2	1,928	4.5	51.6	Yes	2,611,000	0	
3	1,867	4.0	48.0	Yes	2,609,000	0	
4	1,966	4.4	49.5	Yes	2,609,000	0	
5	1,919	4.4	47.5	Yes	2,585,000	0	
6	1,826	4.2	47.0	Yes	2,502,000	0	
7	1,821	4.1	49.1	Yes	2,496,000	0	
8	1,939	4.2	45.3	Yes	2,496,000	0	
9	2,123	4.0	45.4	Yes	2,764,000	0	
10	1,923	4.1	45.8	Yes	2,546,000	0	
11	1,874	4.2	46.8	Yes	2,497,000	0	
12	1,965	4.0	45.0	Yes	2,655,000	0	
13	2,016	4.2	45.6	Yes	2,704,000	0	
14	2,072	4.3	45.6	Yes	2,762,000	0	
15	2,316	4.2	44.8	Yes	2,848,000	0	
16	2,230	4.3	44.6	Yes	3,005,000	0	
17	2,196	4.1	44.0	Yes	2,998,000	0	
18	2,283	4.1	45.6	Yes	3,042,000	0	
19	2,332	4.4	44.0	Yes	3,142,000	0	
20	2,237	3.9	46.0	Yes	3,027,000	0	
21	2,288	4.1	44.4	Yes	3,011,000	0	
22	2,205	8.3	47.6	Yes	2,876,000	0	
23	2,161	4.2	44.7	Yes	2,874,000	0	
24	2,119	3.8	55.3	Yes	2,826,000	0	
25	2,023	3.6	53.0	Yes	2,702,000	0	
26	1,948	3.4	53.3	Yes	2,660,000	0	
27	1,944	3.3	50.1	Yes	2,498,000	0	
28	1,907	3.1	46.0	Yes	2,581,000	0	
29	2,005	3.2	51.6	Yes	2,665,000	0	
30	1,939	3.2	49.6	Yes	2,588,000	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> 5/7/2021