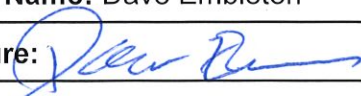


# Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 4 / 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	0.223	0.115	0.086	0.089	0.124	0.256	4.014	2,013
2	0.194	0.103	0.083	0.076	0.105	0.226	0.237	2,001
3	0.197	0.106	0.081	0.074	0.078	0.188	0.198	1,879
4	0.158	0.097	0.078	0.075	0.082	0.119	0.158	1,886
5	0.121	0.088	0.076	0.072	0.109	0.231	0.236	1,920
6	0.178	0.109	0.088	0.080	0.131	0.329	0.334	1,990
7	0.245	0.121	0.093	0.084	0.154	0.371	0.371	2,012
8	0.239	0.109	0.080	0.074	0.074	0.160	0.241	2,051
9	0.164	0.102	0.084	0.079	0.117	0.298	0.298	1,872
10	0.202	0.110	0.088	0.082	0.082	0.169	0.203	1,882
11	0.135	0.091	0.082	0.078	0.082	0.181	0.181	2,014
12	0.159	0.099	0.082	0.077	0.078	0.130	0.170	1,841
13	0.170	0.104	0.085	0.080	0.099	0.349	0.351	1,801
14	0.219	0.109	0.084	0.078	0.111	0.243	0.244	1,870
15	0.158	0.096	0.077	0.073	0.152	0.275	0.275	1,867
16	0.200	0.108	0.079	0.073	0.102	0.136	0.201	2,113
17	0.131	0.089	0.074	0.072	0.121	0.207	0.207	1,858
18	0.137	0.090	0.078	0.078	0.078	0.077	0.160	2,004
19	0.077	0.077	0.076	0.154	0.171	0.355	0.539	2,247
20	0.504	0.259	0.181	0.169	0.192	0.344	0.506	2,046
21	0.351	0.215	0.164	0.152	0.247	0.433	0.444	1,719
22	0.407	0.245	0.175	0.166	0.468	0.533	0.533	2,116
23	0.409	0.281	0.190	0.166	0.237	0.431	0.434	1,941
24	0.416	0.244	0.188	0.174	0.256	0.434	0.434	1,890
25	0.417	0.251	0.191	0.184	0.183	0.252	0.418	1,679
26	0.236	0.191	0.169	0.164	0.264	0.403	0.407	1,883
27	0.299	0.216	0.192	0.186	0.371	0.465	0.485	1,858
28	0.384	0.229	0.194	0.191	0.209	0.439	0.439	2,278
29	0.345	0.217	0.180	0.171	0.397	0.511	0.549	1,794
30	0.396	0.248	0.214	0.204	0.366	0.589	0.616	1,987

<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: 5/3/2022
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 = 6.02 Achieved = 42.62

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: 4 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 9.86%			
Minimum Validated UVT: 96.7%			Min. UV Dose achieved/intended this month: 42.8 / 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	2,013	3.6	44.8	Yes	1,792,000	0	
2	2,001	3.7	44.1	Yes	2,697,000	0	
3	1,879	3.8	47.1	Yes	2,531,000	0	
4	1,886	3.8	45.2	Yes	2,529,000	0	
5	1,920	3.9	44.1	Yes	2,561,000	0	
6	1,990	4.1	42.8	Yes	2,586,000	0	
7	2,012	3.6	44.6	Yes	2,606,000	0	
8	2,051	3.7	44.5	Yes	2,596,000	0	
9	1,872	3.9	46.8	Yes	2,495,000	0	
10	1,882	4.2	45.1	Yes	2,520,000	0	
11	2,014	4.2	44.8	Yes	2,554,000	0	
12	1,841	3.5	44.5	Yes	2,468,000	0	
13	1,801	3.4	43.3	Yes	2,398,000	0	
14	1,870	3.4	43.4	Yes	2,403,000	0	
15	1,867	3.5	44.8	Yes	2,464,000	0	
16	2,113	6.7	44.6	Yes	2,525,000	0	
17	1,858	3.9	44.8	Yes	2,392,000	0	
18	2,004	4.2	44.1	Yes	666,000	0	
19	2,247	5.9	51.5	Yes	1,394,000	0	
20	2,046	4.3	45.7	Yes	2,485,000	0	
21	1,719	4.5	47.1	Yes	2,377,000	0	
22	2,116	3.9	44.6	Yes	1,774,000	0	
23	1,941	4.0	45.1	Yes	2,328,000	0	
24	1,890	4.1	45.2	Yes	2,394,000	0	
25	1,679	4.2	55.9	Yes	2,305,000	0	
26	1,883	3.9	49.7	Yes	2,433,000	0	
27	1,858	4.3	55.4	Yes	2,582,000	0	
28	2,278	4.8	46.7	Yes	1,845,000	0	
29	1,794	4.4	45.8	Yes	2,466,000	0	
30	1,987	4.3	45.6	Yes	2,462,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 5/3/2022

Notes: \* Willamette Wellfield Off