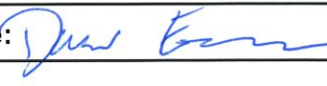


# Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 6 / 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	0.603	0.472	0.286	0.204	0.065	0.065	0.603	2,143
2	0.064	0.058	0.056	0.056	0.056	0.061	0.064	2,110
3	0.061	0.059	0.057	0.056	0.056	0.056	0.061	2,117
4	0.056	0.056	0.054	0.054	0.054	0.054	0.056	2,026
5	0.054	0.054	0.054	0.054	0.059	0.059	0.059	2,133
6	0.059	0.058	0.057	0.058	0.059	0.058	0.116	2,038
7	0.059	0.059	0.058	0.066	0.115	0.153	0.156	2,076
8	0.118	0.086	0.077	0.075	0.114	0.188	0.190	2,118
9	0.173	0.096	0.079	0.077	0.099	0.144	0.214	2,183
10	0.141	0.090	0.078	0.078	0.104	0.138	0.147	2,333
11	0.116	0.086	0.079	0.077	0.081	0.142	0.159	2,192
12	0.139	0.095	0.079	0.076	0.076	0.112	0.140	2,048
13	0.120	0.094	0.078	0.074	0.086	0.127	0.132	2,154
14	0.132	0.094	0.078	0.074	0.083	0.133	0.147	1,933
15	0.141	0.094	0.078	0.075	0.091	0.131	0.141	1,972
16	0.116	0.087	0.078	0.074	0.083	0.111	0.117	2,038
17	0.114	0.087	0.077	0.074	0.074	0.089	0.114	1,942
18	0.101	0.083	0.075	0.072	0.072	0.094	0.101	1,951
19	0.100	0.086	0.077	0.074	0.076	0.096	0.102	1,849
20	0.101	0.093	0.081	0.079	0.101	0.191	0.204	2,071
21	0.198	0.139	0.112	0.264	0.284	0.459	0.515	2,447
22	0.518	0.488	0.376	0.320	0.311	0.464	0.567	2,409
23	0.567	0.509	0.393	0.333	0.336	0.538	0.604	2,393
24	0.604	0.506	0.386	0.129	0.211	0.323	0.604	2,605
25	0.253	0.160	0.142	0.135	0.173	0.254	0.257	2,664
26	0.239	0.165	0.138	0.132	0.171	0.242	0.246	2,642
27	0.234	0.166	0.138	0.136	0.170	0.241	0.254	2,676
28	0.226	0.153	0.127	0.122	0.143	0.201	0.226	2,688
29	0.209	0.148	0.127	0.122	0.124	0.161	0.209	2,678
30	0.186	0.153	0.131	0.126	0.134	0.204	0.267	2,561


<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: 7/6/2022
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 = 4.71 Achieved = 55.27

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: 6 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.00%			
Minimum Validated UVT: 95.7%			Min. UV Dose achieved/intended this month: 43.3 / 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	2,143	3.9	44.0	Yes	2,911,000	0	
2	2,110	4.3	46.0	Yes	2,927,000	0	
3	2,117	4.6	45.3	Yes	2,895,000	0	
4	2,026	4.5	45.0	Yes	2,801,000	0	
5	2,133	4.5	45.5	Yes	2,800,000	0	
6	2,038	4.5	44.9	Yes	2,794,000	0	
7	2,076	4.4	43.8	Yes	2,846,000	0	
8	2,118	4.3	44.4	Yes	2,906,000	0	
9	2,183	4.0	43.8	Yes	2,976,000	0	
10	2,333	4.1	44.8	Yes	3,026,000	0	
11	2,192	4.1	44.0	Yes	2,860,000	0	
12	2,048	3.9	43.9	Yes	2,734,000	0	
13	2,154	4.0	44.9	Yes	2,688,000	0	
14	1,933	3.9	46.4	Yes	2,675,000	0	
15	1,972	4.2	44.5	Yes	2,652,000	0	
16	2,038	4.8	46.9	Yes	2,619,000	0	
17	1,942	4.4	47.1	Yes	2,605,000	0	
18	1,951	4.7	47.8	Yes	2,566,000	0	
19	1,849	4.5	48.0	Yes	2,528,000	0	
20	2,071	4.3	46.2	Yes	2,753,000	0	
21	2,447	6.6	43.3	Yes	3,216,000	0	
22	2,409	4.9	43.6	Yes	3,381,000	0	
23	2,393	4.6	44.9	Yes	3,376,000	0	
24	2,605	5.0	43.7	Yes	3,558,000	0	
25	2,664	6.1	44.7	Yes	3,683,000	0	
26	2,642	3.9	50.1	Yes	3,707,000	0	
27	2,676	3.8	48.1	Yes	3,752,000	0	
28	2,688	4.0	45.3	Yes	3,803,000	0	
29	2,678	5.1	43.5	Yes	3,357,000	0	
30	2,561	4.2	44.3	Yes	3,277,000	0	
<b>Monthly Cumulative % Off-Spec Water Produced</b>							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 7/6/2022

Notes: \* Willamette Wellfield Off

Notes: