


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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 2 / 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	0.187	0.160	0.151	0.170	0.206	0.231	0.231	2,097
2	0.198	0.184	0.176	0.174	0.171	0.182	0.198	2,280
3	0.176	0.155	0.147	0.141	0.164	0.184	0.193	2,276
4	0.192	0.158	0.147	0.079	0.142	0.168	0.192	1,944
5	0.172	0.154	0.154	0.153	0.157	0.213	0.232	1,935
6	0.230	0.183	0.169	0.161	0.159	0.240	0.266	1,930
7	0.263	0.196	0.178	0.168	0.172	0.255	0.271	1,874
8	0.261	0.203	0.183	0.213	0.278	0.325	0.326	2,113
9	0.271	0.239	0.226	0.134	0.100	0.114	0.272	1,972
10	0.098	0.087	0.083	0.110	0.109	0.121	0.172	1,954
11	0.115	0.106	0.101	0.097	0.098	0.126	0.126	2,130
12	0.114	0.091	0.084	0.080	0.080	0.101	0.115	1,867
13	0.094	0.078	0.071	0.068	0.069	0.088	0.094	1,848
14	0.083	0.071	0.066	0.064	0.064	0.072	0.083	1,862
15	0.072	0.068	0.065	0.064	0.070	0.087	0.169	1,815
16	0.081	0.070	0.068	0.066	0.072	0.097	0.099	1,906
17	0.085	0.074	0.070	0.069	0.097	0.134	0.134	1,957
18	0.101	0.080	0.074	0.072	0.115	0.138	0.138	1,843
19	0.099	0.091	0.088	0.090	0.179	0.158	0.187	2,013
20	0.109	0.096	0.091	0.091	0.160	0.151	0.169	1,952
21	0.102	0.093	0.091	0.094	0.123	0.142	0.142	1,856
22	0.106	0.099	0.096	0.106	0.186	0.182	0.199	1,934
23	0.176	0.106	0.099	0.126	0.189	0.179	0.269	2,163
24	0.129	0.105	0.097	0.093	0.089	0.141	0.251	2,348
25	0.108	0.087	0.079	0.076	0.119	0.161	0.161	2,134
26	0.118	0.090	0.081	0.077	0.101	0.108	0.119	1,919
27	0.094	0.083	0.078	0.076	0.083	0.099	0.099	1,993
28	0.094	0.082	0.077	0.075	0.075	0.075	0.094	1,945

<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: 3/8/2022
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 = 7.05 Achieved = 42.90

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: 2 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.58%			
Minimum Validated UVT: 95.9%			Min. UV Dose achieved/intended this month: 43.4 / 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	2,097	3.6	44.5	Yes	2,582,000	0	
2	2,280	3.6	43.9	Yes	1,974,000	0	
3	2,276	3.7	45.2	Yes	2,831,000	0	
4	1,944	3.5	44.9	Yes	2,655,000	0	
5	1,935	3.4	44.6	Yes	2,561,000	0	
6	1,930	3.4	45.3	Yes	2,361,000	0	
7	1,874	3.3	45.3	Yes	2,511,000	0	
8	2,113	3.3	44.5	Yes	2,341,000	0	
9	1,972	3.3	44.2	Yes	2,446,000	0	
10	1,954	3.3	45.0	Yes	2,621,000	0	
11	2,130	3.3	44.5	Yes	2,627,000	0	
12	1,867	3.6	44.7	Yes	2,581,000	0	
13	1,848	3.6	45.1	Yes	2,578,000	0	
14	1,862	3.8	48.5	Yes	2,568,000	0	
15	1,815	3.8	46.4	Yes	2,534,000	0	
16	1,906	3.7	44.7	Yes	2,299,000	0	
17	1,957	3.6	43.4	Yes	2,618,000	0	
18	1,843	3.5	44.1	Yes	2,536,000	0	
19	2,013	3.4	44.8	Yes	2,516,000	0	
20	1,952	3.2	45.1	Yes	2,532,000	0	
21	1,856	3.5	44.0	Yes	2,532,000	0	
22	1,934	3.2	45.1	Yes	2,131,000	0	
23	2,163	4.1	56.3	Yes	2,346,000	0	
24	2,348	3.5	45.3	Yes	1,651,000	0	
25	2,134	3.3	45.1	Yes	2,650,000	0	
26	1,919	3.2	45.4	Yes	2,630,000	0	
27	1,993	3.4	59.7	Yes	2,676,000	0	
28	1,945	3.5	44.8	Yes	2,661,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 3/8/2022

Notes: \* Willamette Wellfield Off