

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 6 / 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	0.174	0.130	0.106	0.106	0.148	0.181	0.183	2,730
2	0.169	0.124	0.103	0.100	0.119	0.154	0.179	3,067
3	0.156	0.121	0.103	0.101	0.116	0.152	0.161	2,985
4	0.160	0.126	0.106	0.106	0.120	0.166	0.181	2,745
5	0.170	0.119	0.100	0.096	0.096	0.111	0.171	2,911
6	0.121	0.102	0.094	0.089	0.102	0.119	0.122	3,145
7	0.099	0.086	0.081	0.080	0.100	0.131	0.141	3,058
8	0.106	0.091	0.087	0.100	0.133	0.169	0.169	2,962
9	0.123	0.099	0.091	0.111	0.126	0.166	0.170	2,785
10	0.128	0.095	0.088	0.085	0.119	0.158	0.158	2,464
11	0.121	0.093	0.085	0.090	0.090	0.108	0.229	2,404
12	0.107	0.089	0.084	0.084	0.121	0.134	0.136	2,355
13	0.119	0.100	0.094	0.090	0.099	0.108	0.119	2,292
14	0.106	0.093	0.089	0.088	0.106	0.115	0.186	2,389
15	0.117	0.099	0.093	0.091	0.106	0.113	0.139	2,284
16	0.113	0.099	0.093	0.091	0.123	0.124	0.128	2,147
17	0.114	0.093	0.087	0.085	0.093	0.108	0.123	2,130
18	0.107	0.091	0.086	0.085	0.099	0.114	0.131	2,414
19	0.109	0.092	0.086	0.085	0.106	0.125	0.136	2,396
20	0.118	0.094	0.089	0.087	0.121	0.141	0.144	2,373
21	0.128	0.099	0.093	0.091	0.130	0.162	0.178	2,408
22	0.174	0.128	0.119	0.115	0.171	0.230	0.233	2,444
23	0.210	0.145	0.132	0.126	0.249	0.298	0.310	2,520
24	0.252	0.168	0.148	0.152	0.306	0.351	0.376	2,626
25	0.269	0.158	0.142	0.136	0.206	0.279	0.279	2,545
26	0.229	0.156	0.141	0.144	0.211	0.255	0.255	2,481
27	0.206	0.156	0.142	0.136	0.216	0.264	0.265	2,527
28	0.221	0.151	0.136	0.132	0.179	0.211	0.221	2,757
29	0.181	0.142	0.128	0.129	0.183	0.241	0.296	2,942
30	0.185	0.139	0.124	0.118	0.129	0.159	0.227	2,600

Slow Sand Filtration95% of turbidity readings \leq 1 NTU? Yes No

All turbidity readings < 5 NTU?

 Yes No**Monthly UV Summary**

Is the volume of off-spec water produced less than 5% in the month?

 Yes No

Printed Name: Dave Embleton

Signature: 

Date: 7/8/2021


Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with Chlorine; Yes NoCT_{viral} Required = 4.20
Achieved = 43.34

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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 6 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 10.71%			
Minimum Validated UVT: 97.8%			Min. UV Dose achieved/intended this month: 43.9 / 38 mJ/cm ²				
Day	Peak Hourly Demand Flow [gpm/unit]	Minimum Intensity [mW/cm ²]	Minimum Dose [mJ/cm ²]	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	2,730	4.1	50.9	Yes	3,761,000	0	
2	3,067	4.1	47.9	Yes	3,909,000	0	
3	2,985	4.1	49.0	Yes	3,898,000	0	
4	2,745	4.1	50.4	Yes	3,795,000	0	
5	2,911	3.8	46.0	Yes	3,823,000	0	
6	3,145	3.7	47.2	Yes	3,980,000	0	
7	3,058	3.7	56.5	Yes	4,060,000	0	
8	2,962	3.6	49.7	Yes	3,932,000	0	
9	2,785	3.7	46.3	Yes	3,493,000	0	
10	2,464	3.7	45.7	Yes	3,345,000	0	
11	2,404	3.8	55.4	Yes	3,284,000	0	
12	2,355	3.7	51.4	Yes	3,224,000	0	
13	2,292	3.9	53.7	Yes	3,209,000	0	
14	2,389	3.8	54.8	Yes	2,845,000	0	
15	2,284	3.9	44.8	Yes	2,359,000	0	
16	2,147	3.8	43.9	Yes	2,901,000	0	
17	2,130	3.9	44.3	Yes	2,957,000	0	
18	2,414	4.1	44.5	Yes	3,236,000	0	
19	2,396	4.4	44.0	Yes	3,310,000	0	
20	2,373	4.4	45.4	Yes	3,303,000	0	
21	2,408	4.2	51.3	Yes	3,212,000	0	
22	2,444	4.0	58.2	Yes	3,186,000	0	
23	2,520	3.6	50.5	Yes	3,328,000	0	
24	2,626	3.8	51.6	Yes	3,144,000	0	
25	2,545	3.8	48.1	Yes	3,468,000	0	
26	2,481	3.8	47.8	Yes	3,412,000	0	
27	2,527	3.5	49.2	Yes	3,515,000	0	
28	2,757	3.7	46.5	Yes	3,717,000	0	
29	2,942	3.4	46.8	Yes	3,587,000	0	
30	2,600	3.6	55.1	Yes	3,398,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 7/8/2021