

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 4 / 2024

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	0.225	0.174	0.131	0.156	0.180	0.289	0.371	1,830
2	0.371	0.324	0.229	0.185	0.186	0.296	0.375	1,882
3	0.367	0.331	0.235	0.224	0.254	0.361	0.459	2,046
4	0.459	0.343	0.248	0.220	0.230	0.400	0.530	2,066
5	0.529	0.402	0.282	0.242	0.248	0.480	0.611	1,758
6	0.611	0.451	0.303	0.257	0.255	0.435	0.611	1,710
7	0.569	0.449	0.309	0.264	0.271	0.556	0.734	1,815
8	0.712	0.512	0.340	0.168	0.285	0.467	0.714	1,826
9	0.316	0.209	0.172	0.159	0.241	0.365	0.365	1,709
10	0.264	0.188	0.161	0.149	0.230	0.391	0.393	1,613
11	0.285	0.188	0.157	0.146	0.219	0.339	0.339	1,587
12	0.246	0.172	0.149	0.140	0.196	0.290	0.291	1,684
13	0.228	0.162	0.142	0.134	0.165	0.162	0.229	1,663
14	0.159	0.134	0.126	0.122	0.137	0.228	0.250	1,634
15	0.216	0.146	0.127	0.119	0.148	0.250	0.262	1,634
16	0.213	0.146	0.127	0.127	0.211	0.276	0.298	2,113
17	0.240	0.157	0.131	0.122	0.209	0.285	0.286	1,734
18	0.229	0.153	0.129	0.122	0.206	0.278	0.283	1,858
19	0.218	0.146	0.124	0.118	0.191	0.276	0.276	1,725
20	0.222	0.147	0.127	0.122	0.194	0.241	0.241	1,695
21	0.168	0.129	0.116	0.112	0.188	0.286	0.291	1,670
22	0.231	0.142	0.120	0.114	0.198	0.287	0.289	1,725
23	0.223	0.140	0.120	0.114	0.194	0.292	0.296	1,720
24	0.237	0.140	0.122	0.114	0.174	0.281	0.284	1,716
25	0.220	0.137	0.120	0.116	0.132	0.161	0.220	1,740
26	0.157	0.118	0.111	0.107	0.142	0.187	0.194	1,872
27	0.159	0.116	0.109	0.107	0.157	0.184	0.185	1,830
28	0.149	0.116	0.109	0.107	0.153	0.189	0.189	1,774
29	0.159	0.118	0.107	0.115	0.165	0.231	0.237	2,013
30	0.209	0.151	0.132	0.129	0.187	0.252	0.261	1,845

Slow Sand Filtration95% of turbidity readings \leq 1 NTU? Yes NoAll 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: 5/8/2024

Is there a 4-log virus inactivation provided with Chlorine; Yes NoCT_{viral} Required = 5.83
Achieved = 49.86

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 / 2024

Mininum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 7.14%			
Minimum Validated UVT: 96.6%			Min. UV Dose achieved/intended this month: 44.0 / 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	1,830	4.3	48.3	Yes	2,527,000	0	
2	1,882	4.2	48.1	Yes	2,553,000	0	
3	2,046	4.2	44.9	Yes	2,588,000	0	
4	2,066	4.1	44.1	Yes	2,676,000	0	
5	1,758	3.8	44.0	Yes	2,446,000	0	
6	1,710	3.6	45.2	Yes	2,392,000	0	
7	1,815	3.4	46.1	Yes	2,381,000	0	
8	1,826	3.5	44.5	Yes	2,321,000	0	
9	1,709	3.8	52.0	Yes	2,296,000	0	
10	1,613	3.9	52.7	Yes	2,253,000	0	
11	1,587	4.0	55.3	Yes	2,215,000	0	
12	1,684	3.8	51.4	Yes	2,264,000	0	
13	1,663	4.1	56.4	Yes	2,341,000	0	
14	1,634	4.1	54.2	Yes	2,286,000	0	
15	1,634	3.7	54.0	Yes	2,284,000	0	
16	2,113	4.0	55.4	Yes	1,572,000	0	
17	1,734	4.0	49.6	Yes	2,182,000	0	
18	1,858	4.1	52.6	Yes	2,407,000	0	
19	1,725	4.2	55.5	Yes	2,376,000	0	
20	1,695	4.3	57.3	Yes	2,360,000	0	
21	1,670	4.0	56.7	Yes	2,322,000	0	
22	1,725	4.0	55.4	Yes	2,380,000	0	
23	1,720	4.0	56.1	Yes	2,372,000	0	
24	1,716	4.4	57.6	Yes	2,371,000	0	
25	1,740	4.4	57.5	Yes	2,432,000	0	
26	1,872	4.1	52.2	Yes	2,543,000	0	
27	1,830	4.3	51.9	Yes	2,549,000	0	
28	1,774	4.1	54.2	Yes	2,457,000	0	
29	2,013	4.1	45.5	Yes	2,551,000	0	
30	1,845	3.6	46.1	Yes	2,562,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 5/8/2024

Notes: * Willamette Wellfield Off