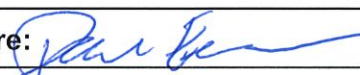


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 5 / 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	0.444	0.263	0.221	0.212	0.421	0.794	0.794	1,865
2	0.515	0.286	0.286	0.255	0.235	0.321	0.515	1,710
3	0.312	0.232	0.194	0.184	0.258	0.447	0.518	1,958
4	0.494	0.309	0.205	0.175	0.291	0.488	0.506	1,993
5	0.453	0.316	0.209	0.166	0.171	0.289	0.454	1,963
6	0.324	0.233	0.187	0.174	0.195	0.306	0.364	2,019
7	0.354	0.233	0.159	0.141	0.144	0.238	0.354	1,884
8	0.267	0.203	0.148	0.135	0.151	0.202	0.268	1,745
9	0.208	0.164	0.138	0.134	0.162	0.261	0.266	1,950
10	0.239	0.164	0.128	0.068	0.097	0.141	0.239	1,743
11	0.122	0.082	0.071	0.069	0.141	0.158	0.159	2,000
12	0.142	0.099	0.086	0.084	0.090	0.144	0.153	2,112
13	0.129	0.096	0.086	0.084	0.159	0.233	0.241	2,478
14	0.146	0.101	0.091	0.087	0.155	0.312	0.314	1,848
15	0.244	0.131	0.103	0.097	0.176	0.228	0.245	1,647
16	0.226	0.133	0.107	0.101	0.161	0.236	0.237	1,781
17	0.204	0.129	0.109	0.086	0.280	0.292	0.325	2,104
18	0.142	0.094	0.083	0.079	0.079	0.103	0.144	1,966
19	0.087	0.062	0.056	0.099	0.125	0.164	0.171	2,004
20	0.171	0.153	0.122	0.112	0.138	0.213	0.241	2,102
21	0.240	0.189	0.139	0.127	0.171	0.261	0.280	1,887
22	0.280	0.210	0.151	0.137	0.176	0.269	0.294	2,135
23	0.294	0.214	0.153	0.136	0.186	0.282	0.306	2,149
24	0.306	0.213	0.163	0.153	0.220	0.357	0.417	2,066
25	0.417	0.292	0.228	0.224	0.233	0.509	0.576	2,317
26	0.561	0.329	0.278	0.277	0.277	0.386	0.562	2,247
27	0.358	0.280	0.216	0.258	0.324	0.415	0.461	2,048
28	0.457	0.306	0.233	0.219	0.257	0.329	0.458	1,876
29	0.375	0.265	0.229	0.217	0.252	0.452	0.564	1,899
30	0.557	0.402	0.253	0.236	0.309	0.507	0.574	2,111
31	0.574	0.381	0.275	0.254	0.264	0.489	0.603	2,112

Slow Sand Filtration	Monthly UV Summary
95% of turbidity readings \leq 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: 6/7/2022
Is there a 4-log virus inactivation provided with <input checked="" type="checkbox"/> Chlorine; <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CT _{viral} Required = 5.39 Achieved = 36.40

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: 5 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 5.27%			
Minimum Validated UVT: 95.5%			Min. UV Dose achieved/intended this month: 43.4 / 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	1,865	4.0	44.9	Yes	1,936,000	0	
2	1,710	4.0	47.5	Yes	1,055,000	0	
3	1,958	3.4	43.4	Yes	2,443,000	0	
4	1,993	3.5	44.3	Yes	2,417,000	0	
5	1,963	4.1	44.7	Yes	2,526,000	0	
6	2,019	4.3	46.2	Yes	2,475,000	0	
7	1,884	4.0	52.4	Yes	2,408,000	0	
8	1,745	3.9	52.0	Yes	2,410,000	0	
9	1,950	4.0	51.1	Yes	2,102,000	0	
10	1,743	4.2	52.5	Yes	2,339,000	0	
11	2,000	4.2	50.6	Yes	2,555,000	0	
12	2,112	4.4	46.8	Yes	2,078,000	0	
13	2,478	3.9	47.0	Yes	2,425,000	0	
14	1,848	3.8	44.4	Yes	2,320,000	0	
15	1,647	3.4	44.3	Yes	2,285,000	0	
16	1,781	3.5	45.7	Yes	2,355,000	0	
17	2,104	3.3	44.5	Yes	2,502,000	0	
18	1,966	4.0	49.1	Yes	2,383,000	0	
19	2,004	4.0	48.3	Yes	2,314,000	0	
20	2,102	3.9	44.7	Yes	2,613,000	0	
21	1,887	4.0	45.0	Yes	2,619,000	0	
22	2,135	4.0	44.3	Yes	2,603,000	0	
23	2,149	4.1	45.4	Yes	2,621,000	0	
24	2,066	4.2	45.0	Yes	2,699,000	0	
25	2,317	4.1	45.0	Yes	1,997,000	0	
26	2,247	3.7	45.7	Yes	1,604,000	0	
27	2,048	3.9	44.1	Yes	2,648,000	0	
28	1,876	3.9	46.0	Yes	2,574,000	0	
29	1,899	3.9	45.0	Yes	2,411,000	0	
30	2,111	4.4	47.8	Yes	2,600,000	0	
31	2,112	3.5	44.8	Yes	2,714,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 6/7/2022

Notes: * Willamette Wellfield Off