


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 6 / 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	0.432	0.286	0.199	0.174	0.184	0.277	0.432	2,512
2	0.294	0.245	0.195	0.174	0.172	0.172	0.294	2,509
3	0.183	0.174	0.163	0.156	0.169	0.218	0.236	2,474
4	0.222	0.189	0.171	0.177	0.165	0.212	0.258	2,644
5	0.222	0.189	0.171	0.189	0.191	0.316	0.378	2,644
6	0.378	0.282	0.189	0.187	0.180	0.268	0.455	2,600
7	0.454	0.317	0.193	0.161	0.162	0.206	0.455	2,555
8	0.242	0.213	0.174	0.160	0.169	0.199	0.243	2,630
9	0.225	0.191	0.165	0.156	0.162	0.216	0.264	2,615
10	0.258	0.215	0.174	0.163	0.183	0.243	0.278	2,663
11	0.271	0.213	0.199	0.166	0.177	0.240	0.281	2,887
12	0.274	0.224	0.186	0.178	0.199	0.273	0.308	3,017
13	0.291	0.222	0.182	0.169	0.195	0.274	0.291	2,752
14	0.284	0.222	0.163	0.141	0.142	0.201	0.286	2,740
15	0.242	0.210	0.186	0.174	0.186	0.241	0.279	2,723
16	0.264	0.219	0.188	0.176	0.194	0.232	0.264	2,754
17	0.226	0.199	0.178	0.221	0.242	0.301	0.364	2,840
18	0.304	0.264	0.234	0.226	0.284	0.384	0.429	2,868
19	0.420	0.332	0.259	0.291	0.297	0.347	0.421	2,827
20	0.373	0.278	0.219	0.199	0.236	0.304	0.379	2,936
21	0.334	0.252	0.208	0.199	0.238	0.319	0.343	3,241
22	0.312	0.239	0.208	0.201	0.248	0.301	0.325	2,944
23	0.306	0.237	0.206	0.195	0.216	0.268	0.306	2,912
24	0.276	0.224	0.197	0.191	0.234	0.288	0.417	2,919
25	0.287	0.230	0.201	0.197	0.233	0.295	0.313	3,182
26	0.284	0.232	0.206	0.191	0.195	0.218	0.288	3,171
27	0.224	0.199	0.184	0.180	0.208	0.234	0.272	2,856
28	0.237	0.209	0.193	0.193	0.210	0.259	0.279	2,810
29	0.269	0.232	0.208	0.201	0.221	0.261	0.309	2,803
30	0.265	0.236	0.216	0.209	0.229	0.273	0.294	2,679

Slow Sand Filtration		Monthly UV Summary	
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: 7/3/2024
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 = 4.44 Achieved = 42.78

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 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 6.30%			
Minimum Validated UVT: 96.6%			Min. UV Dose achieved/intended this month: 43.1 / 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	2,512	4.2	45.0	Yes	3,286,000	0	
2	2,509	4.3	43.1	Yes	3,303,000	0	
3	2,474	4.2	43.7	Yes	3,307,000	0	
4	2,644	4.4	44.0	Yes	2,608,000	0	
5	2,644	4.4	44.0	Yes	2,632,000	0	
6	2,600	3.9	44.9	Yes	2,251,000	0	
7	2,555	4.2	45.0	Yes	3,385,000	0	
8	2,630	4.2	43.2	Yes	3,473,000	0	
9	2,615	5.0	44.8	Yes	3,468,000	0	
10	2,663	4.6	43.6	Yes	3,632,000	0	
11	2,887	4.8	44.0	Yes	3,751,000	0	
12	3,017	3.9	43.3	Yes	3,945,000	0	
13	2,752	3.8	43.8	Yes	3,916,000	0	
14	2,740	3.8	44.0	Yes	3,889,000	0	
15	2,723	3.7	44.3	Yes	3,885,000	0	
16	2,754	3.7	44.3	Yes	3,859,000	0	
17	2,840	3.6	44.2	Yes	3,906,000	0	
18	2,868	3.5	43.2	Yes	3,946,000	0	
19	2,827	3.5	43.1	Yes	3,849,000	0	
20	2,936	7.6	44.1	Yes	3,958,000	0	
21	3,241	4.0	44.3	Yes	4,140,000	0	
22	2,944	4.2	44.4	Yes	4,191,000	0	
23	2,912	4.2	43.6	Yes	4,164,000	0	
24	2,919	4.0	44.2	Yes	4,137,000	0	
25	3,182	4.1	43.8	Yes	4,133,000	0	
26	3,171	4.1	44.2	Yes	3,965,000	0	
27	2,856	4.9	45.1	Yes	3,833,000	0	
28	2,810	4.0	43.7	Yes	3,848,000	0	
29	2,803	3.9	44.6	Yes	3,756,000	0	
30	2,679	3.9	43.6	Yes	3,734,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 7/3/2024

Notes: * Willamette Wellfield Off