


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 1 / 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	0.269	0.246	0.234	0.230	0.231	0.303	0.323	1,677
2	0.317	0.284	0.267	0.259	0.256	0.303	0.321	1,933
3	0.304	0.278	0.264	0.262	0.261	0.310	0.324	1,643
4	0.323	0.308	0.291	0.280	0.280	0.323	0.333	1,836
5	0.333	0.315	0.295	0.280	0.274	0.345	0.369	1,624
6	0.369	0.326	0.267	0.239	0.228	0.247	0.369	1,735
7	0.254	0.234	0.211	0.198	0.193	0.227	0.254	1,552
8	0.247	0.226	0.201	0.209	0.209	0.221	0.248	1,608
9	0.221	0.213	0.206	0.201	0.201	0.219	0.221	1,850
10	0.219	0.201	0.191	0.184	0.179	0.214	0.219	1,608
11	0.206	0.188	0.178	0.171	0.171	0.199	0.206	1,785
12	0.193	0.178	0.171	0.165	0.165	0.168	0.193	1,638
13	0.168	0.165	0.160	0.156	0.156	0.161	0.243	2,121
14	0.138	0.138	0.138	0.138	0.181	0.193	0.198	2,575
15	0.139	0.139	0.139	0.139	0.179	0.193	0.206	2,391
16	0.174	0.172	0.172	0.172	0.194	0.195	0.203	2,742
17	0.193	0.193	0.193	0.193	0.161	0.185	0.193	2,736
18	0.177	0.177	0.179	0.179	0.191	0.196	0.196	2,873
19	0.192	0.187	0.185	0.184	0.200	0.221	0.221	2,820
20	0.199	0.192	0.188	0.184	0.191	0.218	0.219	2,302
21	0.194	0.181	0.174	0.168	0.222	0.239	0.241	1,986
22	0.233	0.214	0.203	0.194	0.192	0.211	0.234	1,808
23	0.209	0.188	0.179	0.175	0.183	0.233	0.246	1,803
24	0.226	0.192	0.179	0.174	0.181	0.222	0.232	1,829
25	0.231	0.194	0.175	0.168	0.181	0.254	0.261	1,782
26	0.240	0.196	0.181	0.174	0.174	0.194	0.240	1,848
27	0.194	0.183	0.177	0.174	0.191	0.218	0.218	1,817
28	0.203	0.183	0.174	0.166	0.204	0.326	0.330	1,788
29	0.283	0.209	0.179	0.168	0.192	0.312	0.359	1,770
30	0.270	0.199	0.174	0.166	0.177	0.290	0.290	1,774
31	0.255	0.196	0.175	0.168	0.168	0.254	0.267	1,836

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: 2/6/2024
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 = 7.23 Achieved = 48.67

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: 1 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 5.34%			
Minimum Validated UVT: 95.8%			Min. UV Dose achieved/intended this month: 42.8 / 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	1,677	3.7	47.2	Yes	2,319,000	0	
2	1,933	3.7	45.5	Yes	2,373,000	0	
3	1,643	3.6	49.1	Yes	2,233,000	0	
4	1,836	3.5	46.3	Yes	2,265,000	0	
5	1,624	3.5	46.5	Yes	2,229,000	0	
6	1,735	3.5	45.8	Yes	2,047,000	0	
7	1,552	3.9	45.0	Yes	2,113,000	0	
8	1,608	4.0	53.8	Yes	2,165,000	0	
9	1,850	4.1	55.2	Yes	2,259,000	0	
10	1,608	4.2	59.1	Yes	2,233,000	0	
11	1,785	4.1	46.0	Yes	2,236,000	0	
12	1,638	4.0	52.7	Yes	2,295,000	0	
13	2,121	3.7	52.5	Yes	2,060,000	0	
14	2,121	3.0	52.5	Yes	918,000	0	
15	2,391	3.4	53.1	Yes	1,351,000	0	
16	2,742	3.7	44.4	Yes	2,839,000	0	
17	2,736	5.6	43.0	Yes	1,304,000	0	
18	2,873	4.5	42.8	Yes	3,621,000	0	
19	2,820	4.0	44.7	Yes	3,449,000	0	
20	2,302	3.9	46.2	Yes	2,745,000	0	
21	1,986	3.9	44.2	Yes	2,705,000	0	
22	1,808	3.9	50.8	Yes	2,556,000	0	
23	1,803	4.0	50.1	Yes	2,551,000	0	
24	1,829	4.0	51.1	Yes	2,489,000	0	
25	1,782	3.9	51.0	Yes	2,356,000	0	
26	1,848	4.0	48.9	Yes	2,591,000	0	
27	1,817	4.0	50.5	Yes	2,573,000	0	
28	1,788	4.0	50.9	Yes	2,545,000	0	
29	1,770	3.9	51.4	Yes	2,527,000	0	
30	1,774	3.9	51.6	Yes	2,523,000	0	
31	1,836	4.0	46.3	Yes	2,481,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098	Date: 2/5/2024

Notes: * Willamette Wellfield Off