


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data


System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 8 / 2023

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	0.373	0.316	0.233	0.197	0.253	0.359	0.374	2,821
2	0.345	0.271	0.224	0.197	0.255	0.379	0.379	2,661
3	0.356	0.291	0.230	0.197	0.258	0.379	0.476	2,689
4	0.347	0.287	0.229	0.193	0.212	0.268	0.347	2,563
5	0.264	0.221	0.197	0.178	0.219	0.329	0.342	2,523
6	0.317	0.260	0.210	0.188	0.240	0.321	0.331	2,499
7	0.319	0.274	0.231	0.199	0.240	0.340	0.360	2,569
8	0.329	0.273	0.232	0.206	0.257	0.331	0.334	3,039
9	0.323	0.274	0.223	0.262	0.238	0.331	0.342	2,962
10	0.329	0.268	0.210	0.178	0.196	0.253	0.452	3,006
11	0.254	0.218	0.188	0.176	0.209	0.262	0.296	3,256
12	0.267	0.221	0.188	0.174	0.201	0.266	0.282	3,068
13	0.278	0.234	0.189	0.174	0.194	0.240	0.279	3,049
14	0.251	0.223	0.189	0.201	0.175	0.201	0.296	3,139
15	0.193	0.180	0.168	0.160	0.160	0.186	0.206	3,182
16	0.190	0.180	0.168	0.160	0.160	0.175	0.207	3,242
17	0.179	0.178	0.168	0.162	0.161	0.173	0.184	3,140
18	0.173	0.168	0.160	0.156	0.162	0.193	0.196	3,069
19	0.193	0.184	0.169	0.164	0.173	0.196	0.227	3,067
20	0.196	0.189	0.174	0.166	0.177	0.201	0.203	3,245
21	0.202	0.191	0.176	0.168	0.183	0.204	0.385	3,061
22	0.208	0.197	0.182	0.171	0.179	0.209	0.218	2,961
23	0.212	0.197	0.186	0.176	0.203	0.242	0.242	3,022
24	0.223	0.208	0.193	0.182	0.205	0.246	0.249	3,002
25	0.231	0.212	0.195	0.182	0.186	0.216	0.232	2,814
26	0.214	0.201	0.189	0.182	0.199	0.222	0.277	2,757
27	0.214	0.199	0.186	0.176	0.191	0.212	0.239	2,742
28	0.204	0.189	0.180	0.147	0.147	0.154	0.304	2,742
29	0.156	0.154	0.151	0.149	0.178	0.178	0.183	2,587
30	0.168	0.158	0.153	0.149	0.175	0.194	0.206	2,707
31	0.174	0.153	0.143	0.141	0.149	0.151	0.174	2,465

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: 9/8/2023
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 = 3.16 Achieved = 39.61

Notes: * Willamette Wellfield Off

Oregon OHA - Drinking Water Services - UV Surface Water Quality DataSystem Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 8 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 3.85%			
Minimum Validated UVT: 96.6%			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	2,821	5.2	43.5	Yes	3,757,000	0	
2	2,661	4.8	43.2	Yes	3,738,000	0	
3	2,689	5.0	43.0	Yes	3,676,000	0	
4	2,563	4.9	44.6	Yes	3,600,000	0	
5	2,523	5.2	45.2	Yes	3,550,000	0	
6	2,499	5.0	45.9	Yes	3,526,000	0	
7	2,569	4.9	44.2	Yes	3,606,000	0	
8	3,039	5.1	43.0	Yes	3,862,000	0	
9	2,962	5.0	45.4	Yes	3,695,000	0	
10	3,006	5.2	44.4	Yes	4,082,000	0	
11	3,256	5.3	44.6	Yes	4,415,000	0	
12	3,068	5.8	43.6	Yes	4,337,000	0	
13	3,049	5.6	43.9	Yes	4,314,000	0	
14	3,139	5.3	45.3	Yes	4,314,000	0	
15	3,182	5.5	43.3	Yes	4,301,000	0	
16	3,242	5.5	42.9	Yes	4,298,000	0	
17	3,140	5.6	42.9	Yes	4,292,000	0	
18	3,069	5.4	44.5	Yes	4,264,000	0	
19	3,067	5.4	45.5	Yes	4,229,000	0	
20	3,245	5.5	44.7	Yes	4,208,000	0	
21	3,061	6.9	43.4	Yes	4,122,000	0	
22	2,961	5.4	45.2	Yes	4,014,000	0	
23	3,022	5.5	43.7	Yes	3,977,000	0	
24	3,002	5.4	42.8	Yes	4,012,000	0	
25	2,814	5.4	43.2	Yes	3,949,000	0	
26	2,757	5.5	45.4	Yes	3,913,000	0	
27	2,742	5.5	44.0	Yes	3,900,000	0	
28	2,742	5.6	46.4	Yes	3,569,000	0	
29	2,587	5.5	46.0	Yes	3,524,000	0	
30	2,707	5.5	49.9	Yes	2,608,000	0	
31	2,465	5.5	51.2	Yes	3,429,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 9/8/2023

Notes: * Willamette Wellfield Off