


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 5 / 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	0.220	0.159	0.139	0.134	0.204	0.272	0.280	1,848
2	0.226	0.159	0.136	0.131	0.194	0.217	0.228	1,821
3	0.209	0.161	0.140	0.265	0.306	0.397	0.417	1,998
4	0.417	0.398	0.353	0.312	0.309	0.342	0.424	1,910
5	0.342	0.299	0.253	0.222	0.220	0.248	0.343	1,882
6	0.294	0.272	0.220	0.198	0.194	0.229	0.294	1,891
7	0.289	0.292	0.234	0.201	0.198	0.261	0.333	1,844
8	0.333	0.324	0.248	0.203	0.198	0.239	0.348	1,838
9	0.335	0.388	0.276	0.196	0.190	0.228	0.391	1,957
10	0.292	0.283	0.228	0.105	0.192	0.328	0.343	2,015
11	0.266	0.166	0.133	0.129	0.317	0.424	0.598	2,102
12	0.448	0.409	0.314	0.272	0.287	0.448	0.530	2,092
13	0.529	0.429	0.320	0.287	0.313	0.488	0.604	2,086
14	0.604	0.493	0.344	0.302	0.321	0.515	0.665	2,045
15	0.667	0.529	0.355	0.149	0.217	0.382	0.676	1,970
16	0.398	0.261	0.170	0.149	0.207	0.309	0.400	2,219
17	0.278	0.185	0.149	0.140	0.183	0.263	0.279	2,274
18	0.255	0.174	0.144	0.139	0.178	0.254	0.261	2,277
19	0.239	0.169	0.140	0.133	0.161	0.211	0.239	2,380
20	0.229	0.168	0.140	0.133	0.181	0.304	0.341	2,192
21	0.318	0.220	0.174	0.153	0.200	0.273	0.320	2,539
22	0.228	0.172	0.154	0.154	0.191	0.232	0.236	2,266
23	0.213	0.164	0.153	0.147	0.200	0.271	0.308	2,311
24	0.279	0.185	0.146	0.137	0.174	0.237	0.281	2,382
25	0.226	0.174	0.149	0.144	0.179	0.226	0.239	2,337
26	0.237	0.185	0.157	0.149	0.234	0.442	0.465	2,312
27	0.400	0.272	0.187	0.168	0.256	0.394	0.452	2,442
28	0.415	0.278	0.196	0.177	0.196	0.228	0.415	2,352
29	0.229	0.201	0.187	0.177	0.200	0.302	0.341	2,282
30	0.339	0.259	0.201	0.185	0.266	0.502	0.540	2,252
31	0.022	0.513	0.513	0.171	0.201	0.369	0.513	2,457

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 -1 Signature:  Date: 6/3/2024
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 = 5.50 Achieved = 43.83

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 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.08%			
Minimum Validated UVT: 96.7%			Min. UV Dose achieved/intended this month: 43.8 / 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	1,848	3.8	47.9	Yes	2,564,000	0	
2	1,821	4.0	51.7	Yes	2,501,000	0	
3	1,998	4.1	44.7	Yes	2,580,000	0	
4	1,910	3.9	47.9	Yes	2,678,000	0	
5	1,882	4.1	52.4	Yes	2,625,000	0	
6	1,891	4.2	51.4	Yes	2,636,000	0	
7	1,844	4.1	52.3	Yes	2,608,000	0	
8	1,838	4.1	44.8	Yes	2,496,000	0	
9	1,957	4.2	47.9	Yes	2,585,000	0	
10	2,015	4.4	46.6	Yes	2,824,000	0	
11	2,102	4.5	45.0	Yes	2,772,000	0	
12	2,092	4.1	45.6	Yes	2,709,000	0	
13	2,086	4.0	44.1	Yes	2,716,000	0	
14	2,045	3.9	47.3	Yes	2,722,000	0	
15	1,970	4.0	44.2	Yes	2,709,000	0	
16	2,219	4.3	45.1	Yes	2,972,000	0	
17	2,274	4.5	44.4	Yes	3,110,000	0	
18	2,277	4.5	43.8	Yes	3,100,000	0	
19	2,380	4.5	45.4	Yes	3,104,000	0	
20	2,192	4.2	44.0	Yes	3,100,000	0	
21	2,539	4.2	46.3	Yes	2,695,000	0	
22	2,266	4.2	44.4	Yes	3,009,000	0	
23	2,311	4.4	43.9	Yes	3,103,000	0	
24	2,382	4.2	44.7	Yes	3,297,000	0	
25	2,337	4.4	44.4	Yes	3,271,000	0	
26	2,312	4.3	44.9	Yes	3,217,000	0	
27	2,442	4.0	45.0	Yes	3,196,000	0	
28	2,352	4.3	45.2	Yes	3,182,000	0	
29	2,282	4.3	44.8	Yes	3,161,000	0	
30	2,252	4.3	44.8	Yes	2,891,000	0	
31	2,457	5.9	62.4	Yes	1,830,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 6/4/2024

Notes: * Willamette Wellfield Off