


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 9 / 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	0.145	0.111	0.101	0.097	0.119	0.153	0.164	2,767
2	0.134	0.109	0.101	0.095	0.094	0.112	0.134	2,736
3	0.113	0.099	0.093	0.093	0.104	0.146	0.423	2,853
4	0.141	0.111	0.101	0.096	0.110	0.149	0.159	2,653
5	0.153	0.119	0.102	0.099	0.121	0.153	0.201	2,976
6	0.147	0.117	0.104	0.101	0.104	0.129	0.147	2,751
7	0.138	0.113	0.104	0.102	0.106	0.131	0.142	2,757
8	0.139	0.113	0.106	0.102	0.117	0.146	0.168	2,738
9	0.154	0.123	0.109	0.106	0.114	0.147	0.268	2,885
10	0.156	0.126	0.111	0.106	0.124	0.145	0.211	2,854
11	0.151	0.124	0.109	0.104	0.104	0.117	0.169	2,705
12	0.124	0.111	0.104	0.100	0.102	0.134	0.138	2,686
13	0.136	0.119	0.106	0.102	0.117	0.162	0.213	2,663
14	0.151	0.123	0.106	0.101	0.123	0.154	0.160	2,590
15	0.156	0.124	0.109	0.102	0.131	0.157	0.173	2,555
16	0.143	0.123	0.108	0.175	0.206	0.264	0.357	2,633
17	0.252	0.211	0.191	0.185	0.197	0.230	0.252	2,784
18	0.219	0.199	0.189	0.199	0.224	0.264	0.269	2,673
19	0.237	0.196	0.176	0.167	0.184	0.241	0.241	2,709
20	0.224	0.196	0.180	0.174	0.193	0.237	0.245	2,821
21	0.237	0.206	0.187	0.180	0.201	0.241	0.258	2,774
22	0.245	0.217	0.196	0.189	0.208	0.252	0.264	2,716
23	0.253	0.228	0.207	0.197	0.212	0.266	0.510	2,626
24	0.273	0.241	0.213	0.201	0.221	0.277	0.344	2,598
25	0.274	0.245	0.219	0.204	0.221	0.231	0.325	2,602
26	0.222	0.207	0.198	0.192	0.206	0.247	0.320	2,841
27	0.254	0.224	0.207	0.194	0.223	0.266	0.381	2,550
28	0.273	0.243	0.215	0.204	0.234	0.279	0.286	2,578
29	0.273	0.243	0.219	0.206	0.229	0.273	0.293	2,462
30	0.276	0.246	0.219	0.209	0.236	0.291	0.562	2,765

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: 10/8/2024
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 = 3.58 Achieved = 48.31

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: 9 / 2024

Mininum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.47%			
Minimum Validated UVT: 97.0%			Min. UV Dose achieved/intended this month: 42.6 / 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	2,767	5.4	43.1	Yes	3,896,000	0	
2	2,736	5.0	42.9	Yes	3,850,000	0	
3	2,853	5.0	42.9	Yes	3,803,000	0	
4	2,653	4.7	64.2	Yes	3,756,000	0	
5	2,976	4.8	42.6	Yes	3,144,000	0	
6	2,751	4.7	60.0	Yes	3,919,000	0	
7	2,757	4.7	60.1	Yes	3,916,000	0	
8	2,738	4.7	60.9	Yes	3,859,000	0	
9	2,885	4.7	56.9	Yes	3,909,000	0	
10	2,854	4.7	61.9	Yes	3,630,000	0	
11	2,705	4.9	43.3	Yes	3,826,000	0	
12	2,686	5.2	44.5	Yes	3,767,000	0	
13	2,663	4.9	44.3	Yes	3,703,000	0	
14	2,590	5.0	43.8	Yes	3,638,000	0	
15	2,555	5.0	43.8	Yes	3,607,000	0	
16	2,633	5.0	42.9	Yes	3,683,000	0	
17	2,784	4.9	45.2	Yes	3,735,000	0	
18	2,673	4.9	44.9	Yes	3,525,000	0	
19	2,709	5.0	43.3	Yes	3,744,000	0	
20	2,821	5.0	43.1	Yes	3,594,000	0	
21	2,774	4.9	43.4	Yes	3,560,000	0	
22	2,716	4.7	42.7	Yes	3,551,000	0	
23	2,626	4.8	43.3	Yes	3,609,000	0	
24	2,598	4.9	44.1	Yes	3,567,000	0	
25	2,602	5.0	43.0	Yes	3,562,000	0	
26	2,841	4.9	43.7	Yes	3,594,000	0	
27	2,550	4.9	43.2	Yes	3,549,000	0	
28	2,578	4.9	43.9	Yes	3,491,000	0	
29	2,462	5.0	43.2	Yes	3,440,000	0	
30	2,765	4.8	42.8	Yes	3,496,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 10/8/2024

Notes: * Willamette Wellfield Off