


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data


System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 9 / 2022

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	0.273	0.218	0.196	0.091	0.248	0.287	0.288	3,089
2	0.256	0.207	0.189	0.079	0.237	0.287	0.289	3,007
3	0.262	0.212	0.196	0.187	0.217	0.294	0.298	3,374
4	0.259	0.210	0.197	0.190	0.257	0.344	0.404	3,117
5	0.286	0.223	0.202	0.193	0.234	0.322	0.331	3,005
6	0.291	0.222	0.201	0.194	0.271	0.361	0.373	3,001
7	0.311	0.234	0.206	0.200	0.262	0.325	0.327	2,999
8	0.291	0.226	0.206	0.198	0.282	0.363	0.382	3,300
9	0.307	0.234	0.210	0.200	0.251	0.286	0.308	3,154
10	0.229	0.206	0.191	0.185	0.215	0.277	0.279	3,500
11	0.253	0.208	0.193	0.186	0.233	0.281	0.281	3,140
12	0.249	0.209	0.195	0.195	0.204	0.265	0.308	3,264
13	0.252	0.206	0.188	0.182	0.218	0.286	0.289	3,106
14	0.269	0.214	0.192	0.184	0.237	0.323	0.331	3,224
15	0.312	0.234	0.318	0.231	0.227	0.304	0.318	2,886
16	0.287	0.220	0.192	0.183	0.245	0.351	0.357	3,168
17	0.327	0.236	0.200	0.190	0.236	0.327	0.332	3,120
18	0.288	0.216	0.186	0.176	0.206	0.285	0.306	2,979
19	0.301	0.216	0.180	0.292	0.213	0.280	0.304	2,957
20	0.303	0.237	0.196	0.176	0.188	0.206	0.304	2,977
21	0.186	0.173	0.161	0.083	0.083	0.106	0.186	2,986
22	0.096	0.084	0.079	0.074	0.099	0.118	0.118	3,139
23	0.109	0.087	0.078	0.068	0.119	0.145	0.159	2,816
24	0.112	0.076	0.074	0.076	0.096	0.118	0.118	3,027
25	0.105	0.089	0.081	0.079	0.104	0.124	0.124	2,942
26	0.106	0.089	0.076	0.083	0.116	0.138	0.192	3,132
27	0.112	0.094	0.084	0.081	0.109	0.153	0.237	3,017
28	0.119	0.097	0.090	0.087	0.089	0.124	0.124	2,935
29	0.106	0.093	0.087	0.085	0.093	0.101	0.136	2,697
30	0.097	0.088	0.084	0.083	0.093	0.130	0.131	2,775

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: 10/3/2022
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 = 4.07 Achieved = 44.38

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: 9 / 2022

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 5.45%			
Minimum Validated UVT: 95.9%			Min. UV Dose achieved/intended this month: 43.2 / 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	3,089	4.5	43.9	Yes	4,120,000	0	
2	3,007	5.7	43.9	Yes	3,972,000	0	
3	3,374	5.6	43.5	Yes	4,201,000	0	
4	3,117	5.4	43.8	Yes	4,164,000	0	
5	3,005	5.4	43.8	Yes	4,089,000	0	
6	3,001	5.3	43.8	Yes	4,064,000	0	
7	2,999	5.2	44.1	Yes	4,069,000	0	
8	3,300	4.2	43.7	Yes	4,322,000	0	
9	3,154	4.0	43.7	Yes	4,390,000	0	
10	3,500	4.1	46.1	Yes	4,350,000	0	
11	3,140	4.1	45.5	Yes	4,332,000	0	
12	3,264	4.2	44.5	Yes	4,262,000	0	
13	3,106	4.2	44.3	Yes	4,135,000	0	
14	3,224	4.1	43.9	Yes	4,104,000	0	
15	2,886	4.3	47.0	Yes	3,332,000	0	
16	3,168	4.3	43.9	Yes	4,225,000	0	
17	3,120	4.3	44.0	Yes	4,135,000	0	
18	2,979	5.3	43.8	Yes	4,110,000	0	
19	2,957	5.2	43.9	Yes	4,059,000	0	
20	2,977	5.0	44.0	Yes	3,929,000	0	
21	2,986	5.1	43.2	Yes	3,981,000	0	
22	3,139	5.2	43.9	Yes	4,070,000	0	
23	2,816	4.3	43.3	Yes	3,574,000	0	
24	3,027	5.2	44.2	Yes	4,140,000	0	
25	2,942	5.5	44.1	Yes	4,124,000	0	
26	3,132	5.3	44.1	Yes	4,140,000	0	
27	3,017	5.1	44.1	Yes	3,973,000	0	
28	2,935	4.7	43.9	Yes	3,886,000	0	
29	2,697	5.1	44.2	Yes	3,704,000	0	
30	2,775	4.6	45.3	Yes	3,637,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 10/3/2022

Notes: * Willamette Wellfield Off