


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 4 / 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	0.269	0.214	0.182	0.174	0.190	0.277	0.318	1,832
2	0.318	0.251	0.201	0.182	0.190	0.292	0.347	1,703
3	0.347	0.249	0.206	0.191	0.255	0.392	0.399	1,893
4	0.356	0.251	0.210	0.197	0.252	0.388	0.392	2,124
5	0.368	0.247	0.212	0.199	0.262	0.503	0.503	1,904
6	0.395	0.260	0.225	0.208	0.261	0.329	0.397	2,037
7	0.321	0.245	0.218	0.174	0.196	0.248	0.323	1,854
8	0.258	0.206	0.186	0.180	0.204	0.271	0.277	1,893
9	0.256	0.204	0.186	0.169	0.184	0.203	0.258	1,764
10	0.208	0.178	0.171	0.168	0.169	0.194	0.208	1,899
11	0.188	0.178	0.169	0.168	0.238	0.282	0.284	1,839
12	0.262	0.203	0.195	0.186	0.210	0.310	0.311	1,880
13	0.260	0.189	0.182	0.178	0.225	0.339	0.346	1,865
14	0.279	0.186	0.173	0.130	0.186	0.370	0.398	2,093
15	0.343	0.184	0.136	0.124	0.138	0.286	0.345	2,004
16	0.279	0.164	0.126	0.117	0.119	0.184	0.280	2,114
17	0.180	0.134	0.114	0.108	0.141	0.204	0.220	1,885
18	0.206	0.136	0.114	0.080	0.132	0.143	0.206	1,968
19	0.106	0.089	0.086	0.102	0.136	0.194	0.227	2,001
20	0.221	0.138	0.117	0.108	0.114	0.169	0.223	2,067
21	0.184	0.143	0.117	0.112	0.112	0.177	0.199	1,954
22	0.199	0.136	0.114	0.108	0.134	0.312	0.331	1,861
23	0.280	0.154	0.123	0.119	0.131	0.223	0.280	1,967
24	0.216	0.147	0.123	0.116	0.151	0.227	0.254	1,958
25	0.234	0.164	0.139	0.130	0.177	0.336	0.346	1,779
26	0.306	0.176	0.147	0.138	0.466	0.714	0.714	2,061
27	0.712	0.708	0.706	0.312	0.401	0.534	0.757	2,237
28	0.331	0.210	0.184	0.171	0.325	0.431	0.431	1,926
29	0.271	0.195	0.174	0.168	0.303	0.398	0.398	1,947
30	0.268	0.195	0.174	0.168	0.229	0.266	0.269	1,965

Slow Sand Filtration				Monthly UV Summary				
95% of turbidity readings ≤ 1 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				
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
				Printed Name: Dave Embleton				
				Signature: 				Date: 5/8/2023
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 = 6.46 Achieved = 41.73	

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: 4 / 2023

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 5.74%			
Minimum Validated UVT: 96.1%			Min. UV Dose achieved/intended this month: 43.5 / 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	1,832	4.1	45.2	Yes	2,351,000	0	
2	1,703	4.1	45.4	Yes	2,260,000	0	
3	1,893	4.0	48.4	Yes	2,426,000	0	
4	2,124	3.7	43.7	Yes	2,584,000	0	
5	1,904	4.0	45.2	Yes	2,535,000	0	
6	2,037	4.0	44.4	Yes	2,545,000	0	
7	1,854	4.0	47.2	Yes	2,525,000	0	
8	1,893	4.1	46.9	Yes	2,531,000	0	
9	1,764	4.2	53.4	Yes	2,466,000	0	
10	1,899	4.4	47.7	Yes	2,549,000	0	
11	1,839	4.3	47.6	Yes	2,520,000	0	
12	1,880	4.4	50.7	Yes	2,466,000	0	
13	1,865	4.0	44.9	Yes	2,448,000	0	
14	2,093	4.0	44.3	Yes	2,611,000	0	
15	2,004	4.0	48.6	Yes	2,625,000	0	
16	2,114	4.1	49.9	Yes	2,634,000	0	
17	1,885	4.0	45.3	Yes	2,621,000	0	
18	1,968	4.2	44.4	Yes	2,439,000	0	
19	2,001	4.2	45.0	Yes	2,451,000	0	
20	2,067	4.2	45.1	Yes	2,584,000	0	
21	1,954	4.2	44.7	Yes	2,411,000	0	
22	1,861	3.9	45.2	Yes	2,465,000	0	
23	1,967	4.2	44.3	Yes	2,456,000	0	
24	1,958	4.1	44.7	Yes	2,526,000	0	
25	1,779	4.1	44.7	Yes	2,502,000	0	
26	2,061	3.9	49.9	Yes	2,113,000	0	
27	2,237	5.2	43.5	Yes	1,485,000	0	
28	1,926	4.6	44.5	Yes	2,631,000	0	
29	1,947	4.6	44.6	Yes	2,626,000	0	
30	1,965	4.2	51.1	Yes	2,620,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 5/8/2023

Notes: * Willamette Wellfield Off