


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 11 / 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	0.230	0.229	0.229	0.229	0.237	0.283	0.285	2,138
2	0.254	0.239	0.231	0.227	0.264	0.265	0.295	1,880
3	0.246	0.220	0.204	0.196	0.203	0.245	0.246	2,035
4	0.222	0.206	0.201	0.199	0.213	0.230	0.273	1,938
5	0.219	0.217	0.217	0.217	0.228	0.268	0.268	1,929
6	0.229	0.207	0.196	0.189	0.188	0.188	0.229	2,032
7	0.188	0.180	0.175	0.172	0.188	0.207	0.218	1,851
8	0.183	0.173	0.168	0.165	0.178	0.184	0.184	1,904
9	0.178	0.175	0.175	0.175	0.198	0.229	0.229	2,000
10	0.205	0.197	0.193	0.166	0.169	0.211	0.233	2,051
11	0.193	0.166	0.159	0.154	0.169	0.186	0.193	2,057
12	0.171	0.159	0.154	0.151	0.164	0.203	0.220	1,941
13	0.188	0.161	0.153	0.149	0.164	0.188	0.188	1,943
14	0.172	0.155	0.151	0.148	0.161	0.225	0.227	1,943
15	0.206	0.166	0.156	0.150	0.168	0.231	0.231	1,918
16	0.209	0.168	0.156	0.164	0.183	0.237	0.239	2,159
17	0.209	0.169	0.159	0.154	0.161	0.225	0.231	1,925
18	0.209	0.169	0.158	0.153	0.177	0.243	0.245	1,903
19	0.219	0.171	0.160	0.154	0.177	0.250	0.252	1,942
20	0.219	0.172	0.161	0.155	0.174	0.251	0.254	1,892
21	0.222	0.174	0.163	0.157	0.184	0.260	0.263	1,912
22	0.225	0.177	0.167	0.161	0.164	0.201	0.226	1,995
23	0.188	0.168	0.162	0.159	0.181	0.261	0.261	2,148
24	0.203	0.171	0.163	0.154	0.159	0.235	0.245	2,006
25	0.219	0.168	0.156	0.149	0.161	0.222	0.223	1,967
26	0.190	0.158	0.151	0.147	0.151	0.226	0.233	1,929
27	0.205	0.159	0.147	0.142	0.142	0.180	0.206	2,028
28	0.169	0.151	0.146	0.157	0.201	0.232	0.233	2,080
29	0.189	0.172	0.165	0.161	0.184	0.202	0.202	2,079
30	0.177	0.169	0.166	0.163	0.168	0.174	0.177	2,031

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: 12/9/2022
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 = 6.17 Achieved = 56.29

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: 11 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 3.42%			
Minimum Validated UVT: 96.3%			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	2,138	4.5	45.2	Yes	2,735,000	0	
2	1,880	4.4	53.9	Yes	2,088,000	0	
3	2,035	4.4	45.0	Yes	2,442,000	0	
4	1,938	4.2	45.2	Yes	2,622,000	0	
5	1,929	4.3	44.8	Yes	2,553,000	0	
6	2,032	4.5	45.4	Yes	2,520,000	0	
7	1,851	4.3	52.2	Yes	2,656,000	0	
8	1,904	4.3	45.4	Yes	2,595,000	0	
9	2,000	4.3	45.0	Yes	2,653,000	0	
10	2,051	3.9	43.6	Yes	2,741,000	0	
11	2,057	4.0	44.4	Yes	2,814,000	0	
12	1,941	4.3	45.4	Yes	2,646,000	0	
13	1,943	4.3	47.0	Yes	2,627,000	0	
14	1,943	4.1	45.9	Yes	2,634,000	0	
15	1,918	4.0	47.2	Yes	2,608,000	0	
16	2,159	4.2	44.8	Yes	2,369,000	0	
17	1,925	4.2	45.7	Yes	2,629,000	0	
18	1,903	4.1	48.8	Yes	2,594,000	0	
19	1,942	4.0	48.3	Yes	2,603,000	0	
20	1,892	4.1	45.9	Yes	2,607,000	0	
21	1,912	3.7	43.7	Yes	2,654,000	0	
22	1,995	3.9	43.5	Yes	2,655,000	0	
23	2,148	4.0	44.7	Yes	2,758,000	0	
24	2,006	4.5	45.3	Yes	2,698,000	0	
25	1,967	4.5	51.4	Yes	2,634,000	0	
26	1,929	4.4	45.1	Yes	2,634,000	0	
27	2,028	4.3	45.0	Yes	2,631,000	0	
28	2,080	4.4	44.1	Yes	2,602,000	0	
29	2,079	4.4	45.7	Yes	2,531,000	0	
30	2,031	4.2	44.7	Yes	2,033,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 12/9/2022

Notes: * Willamette Wellfield Off