

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 1 / 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	0.279	0.249	0.237	0.231	0.228	0.257	0.279	1,822
2	0.276	0.248	0.234	0.226	0.224	0.244	0.276	1,842
3	0.249	0.237	0.230	0.249	0.262	0.278	0.284	1,893
4	0.278	0.269	0.258	0.169	0.164	0.164	0.278	1,954
5	0.164	0.164	0.164	0.164	0.156	0.184	0.198	1,929
6	0.198	0.198	0.192	0.178	0.164	0.176	0.205	2,175
7	0.184	0.184	0.198	0.198	0.198	0.216	0.235	2,128
8	0.235	0.238	0.238	0.238	0.238	0.297	0.305	1,896
9	0.303	0.272	0.251	0.236	0.226	0.254	0.304	2,030
10	0.264	0.256	0.248	0.242	0.234	0.245	0.294	1,898
11	0.257	0.257	0.262	0.262	0.262	0.276	0.282	1,916
12	0.282	0.282	0.282	0.282	0.279	0.301	0.316	2,031
13	0.316	0.316	0.309	0.302	0.292	0.319	0.333	2,186
14	0.333	0.321	0.314	0.361	0.384	0.442	0.451	1,877
15	0.451	0.437	0.417	0.409	0.427	0.476	0.476	1,801
16	0.466	0.451	0.436	0.432	0.469	0.555	0.555	1,881
17	0.499	0.474	0.456	0.521	0.522	0.522	0.522	2,031
18	0.531	0.587	0.581	0.454	0.436	0.451	0.673	1,969
19	0.488	0.461	0.434	0.436	0.473	0.767	0.793	1,735
20	0.793	0.786	0.786	0.729	0.327	0.441	0.793	2,310
21	0.363	0.304	0.278	0.264	0.259	0.268	0.364	2,114
22	0.273	0.255	0.241	0.237	0.237	0.306	0.329	1,947
23	0.326	0.272	0.252	0.241	0.303	0.398	0.411	1,926
24	0.357	0.262	0.223	0.214	0.233	0.424	0.472	1,866
25	0.413	0.281	0.232	0.215	0.238	0.348	0.414	1,978
26	0.289	0.234	0.211	0.204	0.204	0.429	0.461	2,091
27	0.395	0.271	0.223	0.211	0.226	0.344	0.395	2,098
28	0.327	0.325	0.325	0.201	0.243	0.350	0.359	2,011
29	0.319	0.246	0.211	0.199	0.237	0.420	0.439	2,053
30	0.386	0.268	0.211	0.180	0.214	0.387	0.387	1,908
31	0.319	0.233	0.189	0.179	0.225	0.353	0.357	2,085

Slow Sand Filtration95% of turbidity readings \leq 1 NTU? Yes NoAll turbidity readings $<$ 5 NTU? Yes No**Monthly UV Summary**

Is the volume of off-spec water produced less than 5% in the month?

 Yes No

Printed Name: Dave Embleton

Signature: 


Date: 2/8/2023

Is there a 4-log virus inactivation provided with Chlorine; Yes NoCT_{viral} Required = 7.41
Achieved = 41.83

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: 1 / 2023

Mininum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 5.94%			
Minimum Validated UVT: 94.6%			Min. UV Dose achieved/intended this month: 43.3 / 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	1,822	3.8	44.1	Yes	2,519,000	0	
2	1,842	3.9	48.5	Yes	2,555,000	0	
3	1,893	3.9	44.6	Yes	2,526,000	0	
4	1,954	3.8	43.3	Yes	2,492,000	0	
5	1,929	3.8	44.8	Yes	2,039,000	0	
6	2,175	4.1	48.1	Yes	2,645,000	0	
7	2,128	3.9	44.4	Yes	2,538,000	0	
8	1,896	3.6	43.9	Yes	2,551,000	0	
9	2,030	3.5	44.6	Yes	2,624,000	0	
10	1,898	3.4	44.9	Yes	2,636,000	0	
11	1,916	3.1	53.7	Yes	2,660,000	0	
12	2,031	3.0	43.9	Yes	2,670,000	0	
13	2,186	3.2	45.1	Yes	2,420,000	0	
14	1,877	3.2	45.2	Yes	2,469,000	0	
15	1,801	3.1	44.8	Yes	2,415,000	0	
16	1,881	3.0	44.7	Yes	2,371,000	0	
17	2,031	3.3	43.8	Yes	1,389,000	0	
18	1,969	4.1	45.2	Yes	1,488,000	0	
19	1,735	3.5	46.2	Yes	1,992,000	0	
20	2,310	3.5	48.4	Yes	1,063,000	0	
21	2,114	2.8	50.1	Yes	2,617,000	0	
22	1,947	2.9	44.9	Yes	2,494,000	0	
23	1,926	3.0	44.5	Yes	2,567,000	0	
24	1,866	3.7	44.1	Yes	2,544,000	0	
25	1,978	3.3	44.4	Yes	2,610,000	0	
26	2,091	2.8	51.4	Yes	1,802,000	0	
27	2,098	4.7	43.8	Yes	2,496,000	0	
28	2,011	3.7	45.9	Yes	1,526,000	0	
29	2,053	3.0	45.2	Yes	2,449,000	0	
30	1,908	2.9	45.9	Yes	2,055,000	0	
31	2,085	3.3	46.5	Yes	2,594,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 2/8/2023

Notes: * Willamette Wellfield Off