

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 7 / 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	0.321	0.228	0.182	0.168	0.216	0.392	0.407	3,040
2	0.323	0.234	0.184	0.169	0.234	0.409	0.421	3,125
3	0.343	0.227	0.179	0.168	0.227	0.394	0.412	3,034
4	0.338	0.225	0.180	0.171	0.221	0.403	0.433	3,095
5	0.382	0.241	0.184	0.169	0.201	0.279	0.382	2,914
6	0.295	0.219	0.177	0.164	0.203	0.290	0.351	2,919
7	0.308	0.232	0.184	0.166	0.169	0.238	0.308	2,785
8	0.298	0.227	0.178	0.162	0.160	0.227	0.299	2,713
9	0.281	0.236	0.180	0.168	0.199	0.322	0.388	2,794
10	0.382	0.271	0.197	0.173	0.173	0.225	0.382	2,765
11	0.259	0.237	0.188	0.169	0.192	0.299	0.366	2,678
12	0.366	0.291	0.210	0.186	0.203	0.298	0.366	2,714
13	0.344	0.282	0.212	0.188	0.214	0.341	0.396	2,843
14	0.386	0.284	0.212	0.212	0.266	0.403	0.449	3,022
15	0.447	0.323	0.245	0.224	0.258	0.381	0.564	3,024
16	0.430	0.325	0.239	0.216	0.244	0.386	0.511	3,063
17	0.511	0.358	0.251	0.231	0.260	0.386	0.520	2,846
18	0.520	0.379	0.256	0.231	0.255	0.399	0.569	2,818
19	0.533	0.349	0.241	0.234	0.247	0.324	0.533	2,951
20	0.382	0.314	0.229	0.197	0.205	0.268	0.501	2,855
21	0.312	0.262	0.210	0.188	0.214	0.305	0.364	2,951
22	0.364	0.286	0.223	0.193	0.223	0.316	0.385	2,860
23	0.369	0.273	0.219	0.193	0.231	0.338	0.434	3,083
24	0.352	0.271	0.221	0.193	0.231	0.296	0.352	2,997
25	0.304	0.241	0.203	0.180	0.214	0.324	0.336	2,820
26	0.324	0.249	0.210	0.188	0.227	0.331	0.364	3,099
27	0.344	0.265	0.212	0.189	0.238	0.324	0.353	2,924
28	0.338	0.268	0.216	0.189	0.234	0.331	0.390	2,712
29	0.352	0.274	0.219	0.189	0.231	0.334	0.363	2,829
30	0.345	0.275	0.221	0.193	0.242	0.344	0.368	2,754
31	0.356	0.289	0.224	0.193	0.249	0.355	0.373	2,728

Slow Sand Filtration

95% of turbidity readings ≤ 1 NTU?

 Yes No

All 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: 8/7/2023

Is there a 4-log virus inactivation provided with Chlorine; Yes NoCT_{viral} Required = 3.56
Achieved = 35.63

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: 7 / 2023

Mininum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.43%			
Minimum Validated UVT: 97.5%			Min. UV Dose achieved/intended this month: 42.8 / 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	3,040	5.4	43.4	Yes	4,168,000	0	
2	3,125	5.3	43.7	Yes	4,161,000	0	
3	3,034	4.6	43.9	Yes	4,197,000	0	
4	3,095	6.1	43.5	Yes	4,188,000	0	
5	2,914	4.6	47.1	Yes	4,097,000	0	
6	2,919	4.7	45.2	Yes	3,913,000	0	
7	2,785	5.2	43.4	Yes	3,838,000	0	
8	2,713	5.2	43.7	Yes	3,805,000	0	
9	2,794	6.3	43.3	Yes	3,787,000	0	
10	2,765	5.1	45.8	Yes	3,742,000	0	
11	2,678	4.8	44.2	Yes	3,700,000	0	
12	2,714	4.8	44.6	Yes	3,636,000	0	
13	2,843	4.8	43.6	Yes	3,621,000	0	
14	3,022	4.4	44.0	Yes	3,810,000	0	
15	3,024	4.5	45.2	Yes	4,114,000	0	
16	3,063	5.7	42.8	Yes	4,099,000	0	
17	2,846	5.2	44.2	Yes	3,961,000	0	
18	2,818	5.2	43.2	Yes	3,953,000	0	
19	2,951	5.1	43.6	Yes	2,946,000	0	
20	2,855	5.1	43.2	Yes	3,912,000	0	
21	2,951	5.0	44.3	Yes	3,919,000	0	
22	2,860	5.2	43.7	Yes	3,986,000	0	
23	3,083	5.2	44.2	Yes	4,021,000	0	
24	2,997	4.8	43.1	Yes	4,011,000	0	
25	2,820	5.3	43.0	Yes	4,026,000	0	
26	3,099	5.1	43.0	Yes	4,017,000	0	
27	2,924	5.2	44.0	Yes	3,602,000	0	
28	2,712	5.3	44.9	Yes	3,842,000	0	
29	2,829	5.3	43.0	Yes	3,820,000	0	
30	2,754	5.2	43.2	Yes	3,797,000	0	
31	2,728	5.2	43.8	Yes	3,778,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 8/7/2023

Notes: * Willamette Wellfield Off