

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 2 / 2021

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	0.166	0.153	0.146	0.151	0.175	0.190	0.191	2,102
2	0.168	0.153	0.146	0.143	0.193	0.301	0.301	1,847
3	0.211	0.168	0.154	0.149	0.224	0.331	0.332	1,869
4	0.233	0.186	0.173	0.168	0.274	0.397	0.397	2,045
5	0.281	0.220	0.186	0.169	0.196	0.287	0.288	1,821
6	0.232	0.195	0.181	0.173	0.211	0.265	0.274	1,828
7	0.241	0.200	0.184	0.176	0.246	0.343	0.343	1,776
8	0.269	0.209	0.185	0.184	0.346	0.409	0.410	1,737
9	0.267	0.219	0.190	0.174	0.238	0.304	0.304	1,757
10	0.202	0.165	0.147	0.138	0.219	0.253	0.261	1,751
11	0.179	0.153	0.139	0.131	0.158	0.168	0.179	1,720
12	0.146	0.136	0.129	0.126	0.126	0.233	0.234	1,989
13	0.221	0.193	0.171	0.156	0.166	0.278	0.294	1,877
14	0.251	0.186	0.166	0.154	0.161	0.178	0.251	1,884
15	0.178	0.168	0.157	0.150	0.158	0.205	0.218	1,875
16	0.216	0.187	0.169	0.163	0.194	0.266	0.286	1,898
17	0.263	0.216	0.199	0.188	0.222	0.343	0.343	1,885
18	0.311	0.268	0.203	0.179	0.178	0.189	0.311	1,922
19	0.189	0.182	0.168	0.156	0.166	0.198	0.198	1,887
20	0.198	0.181	0.166	0.158	0.164	0.246	0.249	2,032
21	0.237	0.192	0.183	0.179	0.174	0.202	0.238	1,932
22	0.208	0.188	0.171	0.160	0.170	0.204	0.208	2,005
23	0.199	0.168	0.156	0.142	0.224	0.267	0.267	2,075
24	0.168	0.126	0.113	0.108	0.228	0.358	0.358	1,923
25	0.179	0.122	0.107	0.102	0.109	0.245	0.261	2,193
26	0.138	0.107	0.097	0.093	0.169	0.226	0.245	2,069
27	0.137	0.101	0.091	0.089	0.183	0.239	0.248	2,160
28	0.139	0.104	0.093	0.091	0.268	0.403	0.414	1,922

Slow Sand Filtration95% of turbidity readings \leq 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: 3/5/2021


Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with Chlorine; Yes NoCT_{viral} Required = 6.30
Achieved = 67.91

Oregon OHA - Drinking Water Services - UV Surface Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 2 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 13.51%			
Minimum Validated UVT: 94.5%			Min. UV Dose achieved/intended this month: 45.2 / 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	2,102	3.6	45.7	Yes	2,281,000	0	
2	1,847	7.1	50.1	Yes	2,466,000	0	
3	1,869	4.0	48.3	Yes	2,442,000	0	
4	2,045	3.4	45.3	Yes	2,512,000	0	
5	1,821	3.3	45.7	Yes	2,462,000	0	
6	1,828	3.6	46.6	Yes	2,422,000	0	
7	1,776	3.4	46.5	Yes	2,422,000	0	
8	1,737	3.5	45.2	Yes	2,367,000	0	
9	1,757	3.8	49.5	Yes	2,335,000	0	
10	1,751	3.5	45.3	Yes	2,309,000	0	
11	1,720	3.9	45.9	Yes	2,301,000	0	
12	1,989	3.8	49.9	Yes	1,624,000	0	
13	1,877	3.9	48.7	Yes	2,537,000	0	
14	1,884	4.4	47.7	Yes	2,626,000	0	
15	1,875	4.4	49.9	Yes	2,595,000	0	
16	1,898	4.3	47.4	Yes	2,596,000	0	
17	1,885	4.3	46.5	Yes	2,607,000	0	
18	1,922	3.9	46.1	Yes	2,638,000	0	
19	1,887	4.5	50.1	Yes	2,623,000	0	
20	2,032	4.5	50.8	Yes	2,602,000	0	
21	1,932	4.4	49.8	Yes	2,587,000	0	
22	2,005	4.4	48.7	Yes	2,585,000	0	
23	2,075	4.5	49.8	Yes	2,689,000	0	
24	1,923	4.2	48.6	Yes	2,596,000	0	
25	2,193	4.3	47.0	Yes	2,363,000	0	
26	2,069	8.8	52.2	Yes	2,604,000	0	
27	2,160	4.6	53.6	Yes	2,583,000	0	
28	1,922	4.7	49.1	Yes	2,572,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 3/5/2021