

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 9 / 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	0.251	0.183	0.144	0.134	0.232	0.325	0.326	2,495
2	0.246	0.189	0.148	0.136	0.227	0.352	0.352	2,527
3	0.248	0.191	0.149	0.133	0.188	0.261	0.274	2,487
4	0.227	0.167	0.141	0.128	0.175	0.294	0.302	2,434
5	0.255	0.187	0.160	0.141	0.175	0.258	0.264	2,553
6	0.241	0.191	0.159	0.111	0.141	0.203	0.241	2,802
7	0.169	0.129	0.118	0.111	0.125	0.170	0.335	2,620
8	0.164	0.124	0.112	0.108	0.127	0.174	0.182	2,652
9	0.168	0.125	0.113	0.106	0.142	0.164	0.170	2,730
10	0.154	0.119	0.108	0.104	0.108	0.132	0.154	2,598
11	0.117	0.099	0.093	0.088	0.089	0.123	0.130	2,480
12	0.125	0.101	0.094	0.089	0.096	0.135	0.150	2,426
13	0.149	0.113	0.137	0.093	0.101	0.148	0.270	2,354
14	0.150	0.112	0.099	0.094	0.111	0.169	0.189	2,322
15	0.171	0.116	0.105	0.099	0.108	0.172	0.207	1,796
16	0.165	0.119	0.109	0.101	0.116	0.171	0.175	1,786
17	0.159	0.112	0.099	0.094	0.103	0.151	0.160	1,986
18	0.154	0.109	0.096	0.092	0.091	0.116	0.154	1,919
19	0.112	0.096	0.092	0.089	0.091	0.116	0.133	1,935
20	0.133	0.104	0.099	0.089	0.097	0.155	0.170	1,778
21	0.159	0.111	0.098	0.094	0.109	0.163	0.181	2,069
22	0.167	0.120	0.101	0.098	0.108	0.148	0.168	1,975
23	0.160	0.118	0.102	0.096	0.107	0.159	0.164	1,985
24	0.154	0.115	0.103	0.098	0.111	0.162	0.176	1,988
25	0.175	0.120	0.101	0.098	0.113	0.159	0.175	1,887
26	0.167	0.124	0.104	0.098	0.107	0.151	0.168	1,923
27	0.153	0.116	0.101	0.099	0.098	0.106	0.153	1,916
28	0.106	0.099	0.094	0.091	0.096	0.118	0.123	1,846
29	0.123	0.104	0.094	0.091	0.106	0.159	0.201	1,858
30	0.159	0.123	0.101	0.094	0.120	0.149	0.159	1,928

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: 10/7/2021


Phone #: (541) 726-2396

Cert #: D6098/T6098

Is there a 4-log virus inactivation provided with Chlorine; Yes NoCT_{viral} Required = 3.70
Achieved = 52.15

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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 9 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 9.87%			
Minimum Validated UVT: 97.8%			Min. UV Dose achieved/intended this month: 45.0 / 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	2,495	5.1	50.3	Yes	3,291,000	0	
2	2,527	5.0	46.7	Yes	3,377,000	0	
3	2,487	4.9	47.0	Yes	3,342,000	0	
4	2,434	4.8	45.2	Yes	3,267,000	0	
5	2,553	4.7	45.0	Yes	3,295,000	0	
6	2,802	4.6	45.6	Yes	3,524,000	0	
7	2,620	4.6	46.5	Yes	3,525,000	0	
8	2,652	4.9	47.3	Yes	3,519,000	0	
9	2,730	5.1	47.9	Yes	3,408,000	0	
10	2,598	5.1	48.4	Yes	3,184,000	0	
11	2,480	4.8	46.6	Yes	3,146,000	0	
12	2,426	5.0	47.3	Yes	3,271,000	0	
13	2,354	4.9	45.7	Yes	3,235,000	0	
14	2,322	4.7	45.2	Yes	2,761,000	0	
15	1,796	5.0	52.5	Yes	2,506,000	0	
16	1,786	5.0	49.2	Yes	2,458,000	0	
17	1,986	4.7	46.5	Yes	2,515,000	0	
18	1,919	5.0	54.3	Yes	2,599,000	0	
19	1,935	4.8	52.0	Yes	2,517,000	0	
20	1,778	4.8	48.2	Yes	2,441,000	0	
21	2,069	4.5	45.9	Yes	2,646,000	0	
22	1,975	4.7	57.2	Yes	2,689,000	0	
23	1,985	4.8	48.7	Yes	2,640,000	0	
24	1,988	4.9	48.9	Yes	2,656,000	0	
25	1,887	4.9	51.5	Yes	2,600,000	0	
26	1,923	4.9	51.7	Yes	2,561,000	0	
27	1,916	5.0	51.7	Yes	2,636,000	0	
28	1,846	4.9	50.3	Yes	2,567,000	0	
29	1,858	4.6	47.4	Yes	2,545,000	0	
30	1,928	4.8	46.4	Yes	2,637,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 10/7/2021