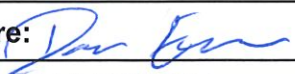


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data


System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 7 / 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	0.170	0.127	0.118	0.113	0.126	0.152	0.204	2,608
2	0.172	0.129	0.116	0.113	0.162	0.311	0.311	2,405
3	0.216	0.144	0.126	0.121	0.125	0.146	0.216	2,426
4	0.141	0.126	0.117	0.114	0.131	0.153	0.153	2,606
5	0.144	0.123	0.115	0.111	0.132	0.163	0.172	2,576
6	0.151	0.123	0.112	0.118	0.172	0.208	0.221	2,567
7	0.213	0.172	0.151	0.141	0.163	0.222	0.249	2,650
8	0.218	0.171	0.147	0.145	0.161	0.233	0.254	2,886
9	0.218	0.159	0.137	0.129	0.151	0.230	0.248	2,706
10	0.221	0.159	0.134	0.130	0.149	0.193	0.245	2,859
11	0.214	0.155	0.133	0.129	0.157	0.216	0.226	2,959
12	0.196	0.143	0.192	0.145	0.152	0.194	0.698	2,896
13	0.186	0.141	0.126	0.134	0.151	0.214	0.293	3,094
14	0.196	0.143	0.157	0.125	0.139	0.182	0.288	3,103
15	0.175	0.128	0.111	0.108	0.111	0.141	0.175	2,820
16	0.141	0.111	0.101	0.089	0.089	0.111	0.141	2,866
17	0.131	0.119	0.106	0.101	0.103	0.126	0.317	2,893
18	0.141	0.121	0.108	0.105	0.113	0.139	0.157	2,870
19	0.156	0.128	0.111	0.086	0.098	0.111	0.165	2,804
20	0.101	0.088	0.083	0.082	0.100	0.117	0.118	2,758
21	0.108	0.091	0.084	0.084	0.089	0.111	0.112	2,756
22	0.104	0.087	0.083	0.082	0.111	0.131	0.136	2,858
23	0.109	0.090	0.084	0.083	0.111	0.136	0.139	2,784
24	0.118	0.093	0.087	0.085	0.124	0.151	0.153	2,760
25	0.136	0.099	0.091	0.089	0.136	0.169	0.172	2,736
26	0.143	0.101	0.094	0.100	0.149	0.184	0.184	2,839
27	0.141	0.103	0.094	0.093	0.136	0.171	0.173	2,941
28	0.136	0.101	0.094	0.093	0.149	0.189	0.191	2,941
29	0.151	0.104	0.096	0.111	0.143	0.172	0.175	3,066
30	0.139	0.103	0.094	0.093	0.136	0.143	0.174	3,149
31	0.109	0.093	0.088	0.087	0.126	0.159	0.159	2,999

Slow Sand Filtration 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		Monthly UV Summary 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: 8/3/2021
		Phone #: (541) 726-2396	Cert #: D6098/T6098
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 = 3.50 Achieved = 46.82

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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 7 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 9.69%			
Minimum Validated UVT: 96.9%			Min. UV Dose achieved/intended this month: 43.4 / 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	2,608	3.4	51.1	Yes	3,262,000	0	
2	2,405	3.4	50.2	Yes	3,338,000	0	
3	2,426	3.5	51.3	Yes	3,308,000	0	
4	2,606	3.4	48.4	Yes	3,483,000	0	
5	2,576	3.6	47.4	Yes	3,546,000	0	
6	2,567	3.3	45.6	Yes	3,560,000	0	
7	2,650	3.4	47.5	Yes	3,556,000	0	
8	2,886	3.4	54.6	Yes	3,595,000	0	
9	2,706	3.4	44.9	Yes	3,784,000	0	
10	2,859	3.5	44.3	Yes	3,881,000	0	
11	2,959	3.3	47.2	Yes	4,025,000	0	
12	2,896	3.3	45.8	Yes	4,072,000	0	
13	3,094	3.4	43.4	Yes	4,059,000	0	
14	3,103	3.4	45.1	Yes	4,044,000	0	
15	2,820	3.3	51.0	Yes	3,882,000	0	
16	2,866	3.2	47.0	Yes	3,913,000	0	
17	2,893	3.2	46.8	Yes	3,951,000	0	
18	2,870	3.2	47.3	Yes	3,941,000	0	
19	2,804	3.3	47.5	Yes	3,886,000	0	
20	2,758	3.4	49.3	Yes	3,829,000	0	
21	2,756	3.3	43.9	Yes	3,693,000	0	
22	2,858	3.5	45.3	Yes	3,941,000	0	
23	2,784	3.4	47.3	Yes	3,896,000	0	
24	2,760	3.4	49.1	Yes	3,829,000	0	
25	2,736	3.4	47.2	Yes	3,799,000	0	
26	2,839	3.2	47.6	Yes	3,912,000	0	
27	2,941	3.3	45.3	Yes	3,954,000	0	
28	2,941	3.4	46.5	Yes	4,040,000	0	
29	3,066	3.2	43.6	Yes	4,187,000	0	
30	3,149	3.4	44.9	Yes	4,259,000	0	
31	2,999	3.4	46.6	Yes	4,127,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 8/3/2021