


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data


System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 11 / 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	0.143	0.117	0.108	0.103	0.101	0.115	0.143	2,089
2	0.122	0.111	0.105	0.103	0.102	0.122	0.125	1,898
3	0.124	0.112	0.104	0.187	0.104	0.132	0.331	2,065
4	0.129	0.113	0.108	0.106	0.106	0.109	0.144	2,002
5	0.113	0.109	0.103	0.103	0.112	0.143	0.146	1,871
6	0.139	0.124	0.118	0.115	0.114	0.139	0.140	1,624
7	0.134	0.120	0.114	0.110	0.109	0.130	0.134	1,810
8	0.125	0.116	0.113	0.112	0.131	0.142	0.143	1,816
9	0.128	0.119	0.114	0.112	0.118	0.137	0.137	1,746
10	0.124	0.116	0.112	0.098	0.105	0.125	0.125	2,049
11	0.112	0.101	0.098	0.096	0.101	0.116	0.116	1,966
12	0.110	0.099	0.095	0.091	0.090	0.089	0.110	1,933
13	0.084	0.078	0.076	0.076	0.075	0.086	0.098	1,885
14	0.086	0.079	0.076	0.074	0.074	0.091	0.091	1,886
15	0.089	0.081	0.078	0.076	0.081	0.081	0.089	1,950
16	0.083	0.083	0.081	0.081	0.088	0.101	0.101	1,966
17	0.094	0.089	0.086	0.086	0.089	0.108	0.108	2,033
18	0.098	0.091	0.089	0.089	0.092	0.096	0.098	1,677
19	0.096	0.096	0.095	0.095	0.098	0.106	0.107	1,669
20	0.106	0.101	0.098	0.096	0.108	0.124	0.124	1,696
21	0.116	0.103	0.097	0.094	0.101	0.111	0.201	1,608
22	0.111	0.100	0.095	0.098	0.149	0.138	0.281	1,784
23	0.123	0.109	0.104	0.103	0.103	0.135	0.135	2,114
24	0.125	0.115	0.108	0.104	0.131	0.156	0.156	1,984
25	0.151	0.134	0.128	0.126	0.138	0.169	0.170	2,088
26	0.159	0.139	0.134	0.132	0.132	0.158	0.159	1,939
27	0.156	0.141	0.135	0.133	0.133	0.141	0.209	1,904
28	0.141	0.135	0.131	0.129	0.136	0.159	0.159	1,949
29	0.158	0.140	0.133	0.129	0.145	0.180	0.181	1,958
30	0.170	0.143	0.134	0.129	0.144	0.176	0.177	1,907

Slow Sand Filtration		Monthly UV Summary	
95% of turbidity readings \leq 1 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Is the volume of off-spec water produced less than 5% in the month? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
All turbidity readings < 5 NTU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
		Printed Name: Dave Embleton	
		Signature: 	Date: 12/6/2021
		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 = 5.70 Achieved = 46.49

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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 11 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 3.60%			
Minimum Validated UVT: 95.5%			Min. UV Dose achieved/intended this month: 42.9 / 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	2,089	4.2	49.2	Yes	2,553,000	0	
2	1,898	4.0	42.9	Yes	2,575,000	0	
3	2,065	4.1	47.2	Yes	2,359,000	0	
4	2,002	4.2	47.0	Yes	2,672,000	0	
5	1,871	4.4	52.5	Yes	2,393,000	0	
6	1,624	4.0	55.5	Yes	2,159,000	0	
7	1,810	3.9	51.5	Yes	2,133,000	0	
8	1,816	3.9	45.4	Yes	2,439,000	0	
9	1,746	3.8	45.6	Yes	2,306,000	0	
10	2,049	3.9	46.2	Yes	2,551,000	0	
11	1,966	4.0	47.9	Yes	2,650,000	0	
12	1,933	4.2	45.6	Yes	2,629,000	0	
13	1,885	4.4	45.7	Yes	2,608,000	0	
14	1,886	4.3	53.7	Yes	2,592,000	0	
15	1,950	4.2	44.7	Yes	2,576,000	0	
16	1,966	4.1	48.6	Yes	2,498,000	0	
17	2,033	4.2	45.6	Yes	1,732,000	0	
18	1,677	3.7	46.6	Yes	2,292,000	0	
19	1,669	3.6	45.8	Yes	2,276,000	0	
20	1,696	3.7	43.9	Yes	2,267,000	0	
21	1,608	3.6	51.0	Yes	2,188,000	0	
22	1,784	3.7	45.5	Yes	2,188,000	0	
23	2,114	3.7	49.0	Yes	2,188,000	0	
24	1,984	3.8	45.9	Yes	2,188,000	0	
25	2,088	3.6	44.7	Yes	2,188,000	0	
26	1,939	3.4	45.5	Yes	2,188,000	0	
27	1,904	3.5	45.3	Yes	2,188,000	0	
28	1,949	3.6	47.3	Yes	2,188,000	0	
29	1,958	3.4	45.5	Yes	2,188,000	0	
30	1,907	3.2	60.4	Yes	2,188,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 12/6/2021