


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data


System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 3 / 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	0.183	0.119	0.104	0.100	0.097	0.255	0.257	2,065
2	0.185	0.114	0.098	0.093	0.134	0.235	0.236	1,909
3	0.190	0.111	0.094	0.089	0.116	0.244	0.249	2,015
4	0.189	0.108	0.091	0.086	0.124	0.222	0.226	2,084
5	0.163	0.103	0.089	0.085	0.085	0.104	0.163	1,870
6	0.104	0.088	0.082	0.080	0.104	0.212	0.214	1,883
7	0.153	0.097	0.084	0.081	0.102	0.181	0.184	2,005
8	0.148	0.097	0.085	0.096	0.153	0.226	0.226	1,976
9	0.178	0.119	0.104	0.102	0.125	0.221	0.221	1,847
10	0.171	0.116	0.101	0.097	0.105	0.167	0.178	1,864
11	0.162	0.110	0.095	0.078	0.153	0.211	0.211	2,010
12	0.169	0.123	0.109	0.105	0.158	0.309	0.311	2,040
13	0.214	0.141	0.116	0.110	0.173	0.311	0.311	1,847
14	0.214	0.141	0.116	0.110	0.173	0.311	0.311	1,847
15	0.153	0.123	0.109	0.105	0.116	0.217	0.249	1,892
16	0.228	0.139	0.110	0.103	0.123	0.316	0.349	1,885
17	0.284	0.151	0.114	0.104	0.128	0.299	0.321	1,791
18	0.269	0.152	0.117	0.105	0.122	0.201	0.269	1,796
19	0.164	0.123	0.105	0.099	0.121	0.216	0.225	1,855
20	0.204	0.128	0.105	0.098	0.121	0.185	0.210	1,838
21	0.204	0.128	0.104	0.098	0.116	0.225	0.229	1,939
22	0.182	0.118	0.102	0.097	0.111	0.185	0.214	1,895
23	0.199	0.123	0.103	0.096	0.128	0.308	0.331	1,887
24	0.256	0.134	0.106	0.098	0.103	0.146	0.256	1,843
25	0.139	0.107	0.096	0.091	0.110	0.197	0.211	1,903
26	0.190	0.118	0.098	0.091	0.160	0.402	0.412	1,815
27	0.286	0.138	0.105	0.096	0.157	0.378	0.383	1,864
28	0.264	0.136	0.106	0.098	0.128	0.272	0.273	1,943
29	0.179	0.116	0.100	0.093	0.147	0.341	0.351	1,922
30	0.264	0.138	0.105	0.097	0.162	0.359	0.361	1,896
31	0.256	0.139	0.107	0.098	0.157	0.340	0.343	1,807

Slow Sand Filtration		Monthly UV Summary	
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		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: 4/5/2021
		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 = 6.30 Achieved = 69.84

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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 3 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 9.45%			
Minimum Validated UVT: 95.0%			Min. UV Dose achieved/intended this month: 44.5 / 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	2,065	4.4	49.2	Yes	2,207,000	0	
2	1,909	4.8	53.6	Yes	2,609,000	0	
3	2,015	4.8	54.0	Yes	2,605,000	0	
4	2,084	4.7	49.1	Yes	2,400,000	0	
5	1,870	4.6	56.3	Yes	2,585,000	0	
6	1,883	4.1	52.3	Yes	2,564,000	0	
7	2,005	4.5	55.5	Yes	2,596,000	0	
8	1,976	4.8	54.9	Yes	2,536,000	0	
9	1,847	4.7	50.2	Yes	2,419,000	0	
10	1,864	4.7	57.5	Yes	2,409,000	0	
11	2,010	4.4	44.5	Yes	2,524,000	0	
12	2,040	4.7	51.7	Yes	2,605,000	0	
13	1,847	4.4	50.7	Yes	2,568,000	0	
14	1,847	4.4	50.7	Yes	2,568,000	0	
15	1,892	4.5	51.6	Yes	2,387,000	0	
16	1,885	4.3	51.2	Yes	2,477,000	0	
17	1,791	3.6	47.0	Yes	2,476,000	0	
18	1,796	3.7	49.3	Yes	2,494,000	0	
19	1,855	4.0	49.4	Yes	2,494,000	0	
20	1,838	4.3	51.3	Yes	2,505,000	0	
21	1,939	4.3	49.8	Yes	2,510,000	0	
22	1,895	4.1	45.3	Yes	2,575,000	0	
23	1,887	3.8	45.7	Yes	2,519,000	0	
24	1,843	4.2	45.6	Yes	2,522,000	0	
25	1,903	3.7	45.1	Yes	2,502,000	0	
26	1,815	3.7	48.8	Yes	2,505,000	0	
27	1,864	4.2	49.7	Yes	2,510,000	0	
28	1,943	4.3	48.0	Yes	2,519,000	0	
29	1,922	4.1	49.6	Yes	2,565,000	0	
30	1,896	4.3	49.9	Yes	2,502,000	0	
31	1,807	4.0	50.0	Yes	2,506,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 4/5/2021