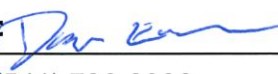


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data


System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 12 / 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	0.174	0.148	0.135	0.122	0.124	0.156	0.174	1,829
2	0.129	0.113	0.104	0.102	0.110	0.105	0.129	2,282
3	0.095	0.089	0.086	0.086	0.086	0.095	0.097	1,989
4	0.086	0.081	0.079	0.071	0.082	0.084	0.090	2,161
5	0.081	0.078	0.075	0.075	0.077	0.079	0.085	1,936
6	0.075	0.071	0.068	0.069	0.071	0.069	0.082	1,837
7	0.067	0.066	0.065	0.065	0.074	0.076	0.098	1,962
8	0.068	0.066	0.064	0.063	0.068	0.071	0.073	2,002
9	0.065	0.062	0.061	0.062	0.064	0.064	0.071	1,859
10	0.061	0.060	0.059	0.059	0.059	0.059	0.062	1,930
11	0.059	0.059	0.059	0.058	0.058	0.058	0.061	1,824
12	0.058	0.058	0.058	0.058	0.058	0.058	0.058	1,808
13	0.058	0.058	0.058	0.058	0.058	0.058	0.058	1,799
14	0.058	0.058	0.058	0.058	0.075	0.074	0.104	1,852
15	0.066	0.063	0.061	0.061	0.062	0.063	0.069	1,888
16	0.061	0.061	0.059	0.058	0.057	0.058	0.064	1,833
17	0.058	0.058	0.058	0.058	0.057	0.062	0.062	2,093
18	0.062	0.059	0.058	0.057	0.057	0.057	0.062	1,734
19	0.057	0.057	0.057	0.057	0.057	0.057	0.057	1,917
20	0.056	0.055	0.054	0.054	0.054	0.054	0.057	1,742
21	0.054	0.054	0.054	0.054	0.067	0.056	0.243	1,941
22	0.056	0.059	0.058	0.058	0.061	0.061	0.074	1,671
23	0.061	0.059	0.058	0.057	0.057	0.057	0.064	1,640
24	0.057	0.057	0.056	0.055	0.056	0.055	0.062	1,796
25	0.055	0.055	0.054	0.054	0.054	0.054	0.056	1,641
26	0.054	0.054	0.054	0.054	0.054	0.054	0.054	1,562
27	0.054	0.053	0.052	0.052	0.056	0.056	0.068	1,677
28	0.056	0.054	0.054	0.053	0.053	0.053	0.068	1,854
29	0.053	0.056	0.054	0.054	0.054	0.054	0.059	1,870
30	0.054	0.054	0.054	0.052	0.052	0.052	0.054	1,738
31	0.052	0.052	0.052	0.052	0.052	0.052	0.069	2,016

Slow Sand Filtration	Monthly UV Summary
95% of turbidity readings \leq 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: 1/5/2022
	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 = 6.60 Achieved = 45.72

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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 12 / 2021

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 3.80%			
Minimum Validated UVT: 96.8%			Min. UV Dose achieved/intended this month: 44.6 / 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	1,829	3.3	47.7	Yes	2,016,182	0	
2	2,282	3.7	49.5	Yes	2,642,974	0	
3	1,989	4.2	48.3	Yes	2,332,333	0	
4	2,161	3.9	50.3	Yes	2,204,816	0	
5	1,936	4.4	53.9	Yes	2,534,598	0	
6	1,837	4.2	56.6	Yes	2,496,658	0	
7	1,962	4.7	45.4	Yes	2,146,012	0	
8	2,002	4.3	58.8	Yes	2,311,947	0	
9	1,859	4.2	44.6	Yes	2,403,859	0	
10	1,930	4.3	55.8	Yes	2,518,953	0	
11	1,824	4.2	56.7	Yes	2,495,637	0	
12	1,808	4.3	55.3	Yes	2,502,425	0	
13	1,799	4.2	46.5	Yes	2,456,758	0	
14	1,852	4.0	54.0	Yes	2,176,698	0	
15	1,888	3.8	47.2	Yes	2,296,899	0	
16	1,833	3.8	51.4	Yes	1,682,649	0	
17	2,093	3.9	55.6	Yes	1,515,225	0	
18	1,734	4.0	55.2	Yes	2,458,079	0	
19	1,917	4.1	51.8	Yes	2,458,694	0	
20	1,742	4.0	45.1	Yes	2,385,716	0	
21	1,941	3.9	52.0	Yes	1,567,000	0	
22	1,671	3.7	54.2	Yes	2,193,000	0	
23	1,640	3.8	52.0	Yes	2,252,000	0	
24	1,796	3.7	53.6	Yes	2,250,000	0	
25	1,641	3.6	50.2	Yes	2,194,000	0	
26	1,562	3.6	50.9	Yes	2,165,000	0	
27	1,677	3.5	47.0	Yes	2,246,000	0	
28	1,854	3.6	47.8	Yes	2,327,000	0	
29	1,870	3.7	48.0	Yes	2,379,000	0	
30	1,738	3.6	50.6	Yes	2,384,000	0	
31	2,016	3.7	49.2	Yes	2,380,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 1/5/2022