


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 3 / 2022


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	0.075	0.075	0.072	0.070	0.075	0.097	0.097	1,882
2	0.093	0.079	0.075	0.074	0.074	0.078	0.108	1,908
3	0.078	0.078	0.074	0.069	0.069	0.086	0.089	1,961
4	0.089	0.073	0.068	0.067	0.067	0.084	0.092	1,923
5	0.089	0.072	0.068	0.065	0.065	0.085	0.090	1,859
6	0.090	0.073	0.066	0.064	0.065	0.094	0.098	1,938
7	0.098	0.072	0.065	0.059	0.084	0.111	0.111	2,036
8	0.086	0.074	0.069	0.067	0.089	0.097	0.097	2,047
9	0.079	0.071	0.068	0.066	0.071	0.074	0.079	1,839
10	0.074	0.068	0.065	0.064	0.112	0.141	0.141	1,932
11	0.094	0.074	0.068	0.066	0.114	0.147	0.147	2,071
12	0.094	0.076	0.069	0.066	0.106	0.096	0.112	1,983
13	0.094	0.076	0.069	0.066	0.106	0.096	0.112	1,983
14	0.068	0.061	0.059	0.057	0.062	0.068	0.282	2,010
15	0.064	0.059	0.057	0.056	0.066	0.088	0.089	1,903
16	0.078	0.064	0.060	0.058	0.068	0.110	0.110	1,746
17	0.084	0.068	0.062	0.059	0.065	0.087	0.093	1,850
18	0.077	0.066	0.061	0.083	0.104	0.159	0.166	1,961
19	0.157	0.106	0.091	0.086	0.085	0.156	0.183	1,824
20	0.183	0.108	0.086	0.080	0.089	0.186	0.192	2,035
21	0.161	0.097	0.083	0.078	0.077	0.111	0.162	1,952
22	0.102	0.090	0.079	0.078	0.138	0.421	0.424	2,133
23	0.251	0.116	0.095	0.086	0.091	0.195	0.253	2,193
24	0.152	0.094	0.084	0.081	0.082	0.244	0.364	2,151
25	0.296	0.114	0.084	0.078	0.078	0.200	0.298	2,114
26	0.246	0.109	0.083	0.077	0.088	0.331	0.359	2,141
27	0.233	0.109	0.086	0.079	0.086	0.261	0.277	1,841
28	0.220	0.108	0.083	0.079	0.087	0.214	0.224	2,102
29	0.157	0.094	0.081	0.077	0.076	0.209	0.248	1,871
30	0.199	0.112	0.084	0.087	0.090	0.133	0.199	2,022
31	0.153	0.100	0.081	0.080	0.080	0.209	0.234	2,027

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: 4/8/2022
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 = 6.61 Achieved = 47.79

Notes: * Willamette Wellfield Off

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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 3 / 2022

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 5.84%			
Minimum Validated UVT: 96.9%			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	1,882	3.6	44.5	Yes	2,599,000	0	
2	1,908	3.6	44.8	Yes	2,661,000	0	
3	1,961	3.6	45.0	Yes	2,564,000	0	
4	1,923	3.7	44.2	Yes	2,574,000	0	
5	1,859	3.7	46.1	Yes	2,597,000	0	
6	1,938	3.8	45.3	Yes	2,606,000	0	
7	2,036	3.7	43.5	Yes	2,544,000	0	
8	2,047	3.8	49.2	Yes	2,494,000	0	
9	1,839	4.0	44.2	Yes	2,546,000	0	
10	1,932	3.9	45.1	Yes	2,442,000	0	
11	2,071	3.5	45.4	Yes	2,360,000	0	
12	1,983	3.6	44.4	Yes	2,430,000	0	
13	1,983	3.6	44.4	Yes	2,430,000	0	
14	2,010	3.7	48.5	Yes	2,330,000	0	
15	1,903	3.9	44.1	Yes	2,400,000	0	
16	1,746	3.8	50.4	Yes	2,384,000	0	
17	1,850	4.1	45.7	Yes	2,378,000	0	
18	1,961	4.0	46.6	Yes	2,549,000	0	
19	1,824	4.0	44.5	Yes	2,547,000	0	
20	2,035	3.6	45.7	Yes	2,503,000	0	
21	1,952	3.7	43.9	Yes	2,576,000	0	
22	2,133	3.7	42.9	Yes	2,711,000	0	
23	2,193	3.6	43.8	Yes	2,685,000	0	
24	2,151	3.8	43.1	Yes	2,601,000	0	
25	2,114	3.6	45.4	Yes	2,532,000	0	
26	2,141	6.7	44.9	Yes	2,547,000	0	
27	1,841	3.9	44.8	Yes	2,524,000	0	
28	2,102	4.2	45.1	Yes	2,543,000	0	
29	1,871	4.0	44.6	Yes	2,506,000	0	
30	2,022	4.1	44.9	Yes	2,502,000	0	
31	2,027	3.9	45.4	Yes	1,522,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 4/8/2022

Notes: * Willamette Wellfield Off