


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 11 / 2024


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	0.213	0.187	0.172	0.163	0.162	0.186	0.213	2,082
2	0.189	0.172	0.165	0.141	0.134	0.139	0.189	1,921
3	0.149	0.148	0.143	0.139	0.139	0.171	0.201	1,816
4	0.201	0.192	0.172	0.161	0.159	0.169	0.359	1,916
5	0.186	0.182	0.167	0.163	0.148	0.171	0.240	1,984
6	0.189	0.189	0.172	0.169	0.163	0.171	0.219	1,868
7	0.197	0.197	0.178	0.167	0.161	0.187	0.234	1,798
8	0.234	0.222	0.191	0.182	0.189	0.247	0.279	1,908
9	0.279	0.236	0.200	0.180	0.178	0.226	0.279	1,844
10	0.249	0.217	0.192	0.178	0.174	0.199	0.249	1,988
11	0.212	0.196	0.180	0.172	0.171	0.193	0.216	2,147
12	0.216	0.191	0.176	0.163	0.159	0.172	0.273	2,126
13	0.179	0.161	0.148	0.139	0.138	0.138	0.216	2,070
14	0.143	0.141	0.134	0.128	0.076	0.079	0.144	1,897
15	0.078	0.074	0.071	0.069	0.069	0.069	0.078	1,774
16	0.074	0.074	0.071	0.071	0.069	0.069	0.075	1,831
17	0.069	0.072	0.071	0.071	0.071	0.078	0.119	1,846
18	0.078	0.074	0.072	0.071	0.074	0.078	0.266	1,998
19	0.082	0.076	0.074	0.072	0.074	0.074	0.181	1,852
20	0.077	0.077	0.076	0.078	0.078	0.080	0.083	2,005
21	0.080	0.078	0.078	0.078	0.078	0.079	0.083	1,925
22	0.082	0.082	0.082	0.082	0.082	0.085	0.099	1,952
23	0.093	0.087	0.084	0.082	0.082	0.082	0.093	1,793
24	0.082	0.082	0.082	0.081	0.080	0.086	0.089	1,766
25	0.089	0.093	0.089	0.089	0.089	0.089	0.238	2,074
26	0.089	0.093	0.089	0.086	0.086	0.089	0.190	1,963
27	0.095	0.093	0.087	0.086	0.086	0.101	0.132	2,008
28	0.100	0.091	0.087	0.084	0.084	0.095	0.147	1,721
29	0.106	0.094	0.087	0.084	0.084	0.089	0.108	1,807
30	0.096	0.089	0.084	0.082	0.082	0.087	0.168	1,800

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: 12/3/2024
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 = 5.83 Achieved = 53.33

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: 11 / 2024

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 3.71%			
Minimum Validated UVT: 96.3%			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	2,082	4.4	45.2	Yes	2,451,000	0	
2	1,921	4.3	45.2	Yes	2,519,000	0	
3	1,816	4.3	50.3	Yes	2,551,000	0	
4	1,916	4.0	43.5	Yes	2,512,000	0	
5	1,984	3.8	44.5	Yes	1,899,000	0	
6	1,868	3.9	45.1	Yes	1,998,000	0	
7	1,798	3.9	44.4	Yes	2,466,000	0	
8	1,908	3.8	44.0	Yes	2,659,000	0	
9	1,844	3.9	44.9	Yes	2,516,000	0	
10	1,988	4.0	45.6	Yes	2,520,000	0	
11	2,147	4.1	45.0	Yes	2,605,000	0	
12	2,126	4.1	44.9	Yes	2,738,000	0	
13	2,070	4.3	45.6	Yes	2,655,000	0	
14	1,897	4.5	46.9	Yes	2,572,000	0	
15	1,774	4.6	50.5	Yes	2,454,000	0	
16	1,831	4.4	50.3	Yes	2,457,000	0	
17	1,846	4.4	47.5	Yes	2,547,000	0	
18	1,998	4.4	44.4	Yes	2,630,000	0	
19	1,852	4.3	45.9	Yes	2,362,000	0	
20	2,005	4.0	42.9	Yes	2,413,000	0	
21	1,925	4.1	44.8	Yes	2,485,000	0	
22	1,952	4.0	43.8	Yes	2,568,000	0	
23	1,793	4.0	43.6	Yes	2,394,000	0	
24	1,766	3.9	49.1	Yes	2,377,000	0	
25	2,074	3.9	47.9	Yes	2,624,000	0	
26	1,963	4.0	45.0	Yes	2,486,000	0	
27	2,008	4.0	43.7	Yes	2,448,000	0	
28	1,721	4.0	50.9	Yes	2,426,000	0	
29	1,807	7.8	53.5	Yes	2,404,000	0	
30	1,800	4.1	53.1	Yes	2,382,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 12/3/2024

Notes: * Willamette Wellfield Off