


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 12 / 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	0.174	0.171	0.167	0.165	0.181	0.193	0.216	2,117
2	0.184	0.170	0.162	0.156	0.162	0.192	0.192	1,840
3	0.171	0.157	0.150	0.147	0.168	0.189	0.189	1,962
4	0.157	0.146	0.141	0.136	0.146	0.167	0.167	1,933
5	0.150	0.139	0.135	0.132	0.132	0.141	0.151	1,908
6	0.136	0.132	0.129	0.129	0.128	0.128	0.136	1,851
7	0.128	0.128	0.128	0.128	0.141	0.184	0.184	1,971
8	0.157	0.142	0.135	0.131	0.130	0.131	0.157	2,021
9	0.131	0.128	0.125	0.119	0.119	0.127	0.131	2,052
10	0.127	0.120	0.118	0.117	0.117	0.138	0.139	1,973
11	0.136	0.124	0.121	0.119	0.119	0.147	0.149	2,043
12	0.145	0.127	0.123	0.120	0.120	0.153	0.156	1,925
13	0.150	0.129	0.123	0.120	0.119	0.156	0.162	2,040
14	0.158	0.129	0.121	0.116	0.116	0.157	0.161	1,889
15	0.156	0.125	0.114	0.111	0.110	0.142	0.157	1,993
16	0.147	0.119	0.109	0.105	0.105	0.150	0.161	1,988
17	0.156	0.119	0.106	0.101	0.103	0.149	0.156	1,815
18	0.154	0.121	0.106	0.101	0.101	0.128	0.154	2,080
19	0.130	0.114	0.105	0.103	0.106	0.142	0.144	1,875
20	0.142	0.118	0.111	0.123	0.133	0.142	0.142	1,944
21	0.142	0.141	0.142	0.219	0.228	0.271	0.282	2,001
22	0.282	0.258	0.243	0.233	0.229	0.236	0.282	1,917
23	0.241	0.226	0.214	0.209	0.209	0.212	0.241	1,875
24	0.215	0.214	0.214	0.211	0.211	0.212	0.215	1,828
25	0.213	0.213	0.213	0.214	0.222	0.268	0.282	1,794
26	0.282	0.266	0.256	0.244	0.242	0.249	0.282	1,919
27	0.256	0.256	0.257	0.257	0.248	0.248	0.268	1,917
28	0.256	0.252	0.245	0.239	0.236	0.264	0.284	1,895
29	0.266	0.251	0.244	0.237	0.237	0.258	0.267	2,001
30	0.264	0.255	0.252	0.248	0.245	0.247	0.264	2,044
31	0.247	0.245	0.239	0.234	0.232	0.268	0.279	1,887

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: 1/6/2023
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 = 6.86 Achieved = 60.73

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: 12 / 2022

Mininum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 8.20%			
Minimum Validated UVT: 96.4%			Min. UV Dose achieved/intended this month: 43.9 / 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	2,117	3.7	45.2	Yes	1,922,000	0	
2	1,840	3.4	44.2	Yes	2,395,000	0	
3	1,962	3.7	45.5	Yes	2,560,000	0	
4	1,933	4.1	49.0	Yes	2,609,000	0	
5	1,908	4.2	45.8	Yes	2,600,000	0	
6	1,851	4.3	45.5	Yes	807,000	0	
7	1,971	7.0	47.5	Yes	1,030,000	0	
8	2,021	4.3	46.3	Yes	2,670,000	0	
9	2,052	4.5	46.1	Yes	2,747,000	0	
10	1,973	4.5	43.9	Yes	2,675,000	0	
11	2,043	4.4	52.5	Yes	2,653,000	0	
12	1,925	4.5	46.6	Yes	2,674,000	0	
13	2,040	4.5	46.2	Yes	2,639,000	0	
14	1,889	4.4	53.6	Yes	2,642,000	0	
15	1,993	4.3	50.8	Yes	2,598,000	0	
16	1,988	4.2	49.9	Yes	2,564,000	0	
17	1,815	4.0	50.1	Yes	2,532,000	0	
18	2,080	4.1	45.1	Yes	2,519,000	0	
19	1,875	4.2	45.1	Yes	2,571,000	0	
20	1,944	4.3	44.7	Yes	2,545,000	0	
21	2,001	4.1	44.4	Yes	2,531,000	0	
22	1,917	3.2	45.7	Yes	2,556,000	0	
23	1,875	4.0	44.8	Yes	2,569,000	0	
24	1,828	3.9	44.5	Yes	2,535,000	0	
25	1,794	4.0	45.2	Yes	2,494,000	0	
26	1,919	4.0	51.4	Yes	2,525,000	0	
27	1,917	4.3	51.2	Yes	2,638,000	0	
28	1,895	4.3	47.3	Yes	2,548,000	0	
29	2,001	4.0	44.3	Yes	2,605,000	0	
30	2,044	3.9	44.8	Yes	2,741,000	0	
31	1,887	4.0	44.5	Yes	2,526,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 1/6/2023

Notes: * Willamette Wellfield Off