


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 11 / 2023


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	0.134	0.121	0.113	0.109	0.109	0.114	0.137	2,054
2	0.114	0.108	0.104	0.104	0.102	0.123	0.135	1,788
3	0.119	0.109	0.106	0.104	0.104	0.123	0.125	1,893
4	0.125	0.115	0.109	0.108	0.108	0.108	0.125	1,687
5	0.108	0.108	0.108	0.106	0.106	0.119	0.125	1,677
6	0.125	0.115	0.109	0.109	0.091	0.091	0.156	2,303
7	0.091	0.091	0.091	0.091	0.089	0.093	0.117	2,022
8	0.101	0.101	0.096	0.093	0.091	0.097	0.106	1,848
9	0.106	0.106	0.098	0.098	0.093	0.097	0.106	2,120
10	0.104	0.104	0.099	0.093	0.091	0.091	0.112	2,016
11	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
12	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
13	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
14	0.089	0.089	0.089	0.089	0.097	0.099	0.113	2,119
15	0.102	0.104	0.101	0.094	0.102	0.099	0.127	2,299
16	0.110	0.110	0.106	0.101	0.098	0.099	0.110	2,125
17	0.104	0.108	0.102	0.099	0.096	0.097	0.109	2,082
18	0.110	0.108	0.102	0.099	0.097	0.097	0.110	1,959
19	0.097	0.102	0.099	0.097	0.094	0.097	0.130	2,076
20	0.116	0.111	0.106	0.102	0.102	0.114	0.119	2,256
21	0.116	0.116	0.116	0.116	0.116	0.153	0.159	1,929
22	0.158	0.153	0.141	0.136	0.136	0.147	0.159	2,100
23	0.147	0.147	0.143	0.138	0.138	0.148	0.149	1,861
24	0.149	0.149	0.149	0.146	0.147	0.177	0.179	1,875
25	0.179	0.172	0.168	0.163	0.166	0.201	0.201	1,816
26	0.201	0.184	0.171	0.161	0.168	0.210	0.214	1,735
27	0.214	0.195	0.180	0.174	0.190	0.273	0.414	1,824
28	0.252	0.239	0.236	0.232	0.266	0.286	0.286	1,705
29	0.249	0.232	0.224	0.219	0.221	0.252	0.253	1,840
30	0.232	0.221	0.218	0.213	0.216	0.218	0.236	1,665

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: 12/8/2023
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 = 5.94 Achieved = 41.16

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 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.41%			
Minimum Validated UVT: 97.2%			Min. UV Dose achieved/intended this month: 46.9 / 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	2,054	5.4	68.1	Yes	2,531,000	0	
2	1,788	5.5	58.7	Yes	2,424,000	0	
3	1,893	5.6	60.1	Yes	2,361,000	0	
4	1,687	5.7	64.5	Yes	2,289,000	0	
5	1,677	5.7	63.2	Yes	2,236,000	0	
6	2,303	5.3	56.3	Yes	2,142,000	0	
7	2,022	5.2	50.0	Yes	2,639,000	0	
8	1,848	4.9	60.3	Yes	2,587,000	0	
9	2,120	4.9	61.1	Yes	1,889,000	0	
10	2,016	4.9	49.2	Yes	1,394,000	0	
11	Off*	Off*	Off*	Off*	Off*	Off*	
12	Off*	Off*	Off*	Off*	Off*	Off*	
13	Off*	Off*	Off*	Off*	Off*	Off*	
14	2,119	6.8	65.4	Yes	1,007,000	0	
15	2,299	5.2	46.9	Yes	2,417,000	0	
16	2,125	5.2	50.4	Yes	2,560,000	0	
17	2,082	2.3	48.7	Yes	2,334,000	0	
18	1,959	5.2	64.5	Yes	2,527,000	0	
19	2,076	5.2	50.1	Yes	2,497,000	0	
20	2,256	5.1	48.5	Yes	2,665,000	0	
21	1,929	5.0	48.2	Yes	2,582,000	0	
22	2,100	4.9	48.0	Yes	2,603,000	0	
23	1,861	4.9	49.2	Yes	2,546,000	0	
24	1,875	4.9	53.8	Yes	2,486,000	0	
25	1,816	4.8	49.1	Yes	2,485,000	0	
26	1,735	4.7	51.1	Yes	2,438,000	0	
27	1,824	4.6	59.8	Yes	2,010,000	0	
28	1,705	4.8	52.5	Yes	2,178,000	0	
29	1,840	4.8	52.6	Yes	1,850,000	0	
30	1,665	4.8	66.4	Yes	1,853,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 12/8/2023

Notes: * Willamette Wellfield Off