

Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 9 / 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	0.145	0.138	0.136	0.134	0.146	0.168	0.169	2,525
2	0.154	0.143	0.136	0.132	0.156	0.174	0.176	2,441
3	0.160	0.143	0.136	0.134	0.164	0.194	0.196	2,426
4	0.163	0.145	0.138	0.134	0.168	0.184	0.231	2,414
5	0.161	0.143	0.136	0.128	0.160	0.227	0.267	2,565
6	0.172	0.145	0.136	0.132	0.166	0.226	0.255	2,403
7	0.174	0.149	0.136	0.132	0.168	0.212	0.213	2,436
8	0.176	0.147	0.136	0.130	0.171	0.225	0.225	2,341
9	0.168	0.138	0.128	0.123	0.153	0.194	0.194	2,348
10	0.160	0.136	0.124	0.119	0.146	0.191	0.194	2,389
11	0.156	0.132	0.123	0.069	0.094	0.116	0.207	2,364
12	0.093	0.076	0.071	0.069	0.114	0.147	0.147	2,426
13	0.099	0.080	0.074	0.072	0.106	0.154	0.262	2,437
14	0.095	0.076	0.069	0.068	0.109	0.146	0.146	2,376
15	0.097	0.074	0.068	0.068	0.108	0.147	0.147	2,425
16	0.095	0.075	0.068	0.066	0.101	0.138	0.138	2,476
17	0.101	0.074	0.068	0.066	0.102	0.134	0.146	2,435
18	0.089	0.073	0.068	0.066	0.099	0.150	0.179	2,426
19	0.087	0.072	0.068	0.066	0.101	0.153	0.179	2,385
20	0.093	0.074	0.068	0.084	0.112	0.164	0.197	2,504
21	0.179	0.121	0.106	0.099	0.114	0.194	0.214	2,468
22	0.208	0.139	0.109	0.101	0.114	0.179	0.208	2,420
23	0.186	0.121	0.097	0.089	0.094	0.129	0.186	2,404
24	0.130	0.102	0.091	0.087	0.087	0.092	0.132	2,486
25	0.099	0.091	0.087	0.084	0.082	0.093	0.189	2,412
26	0.093	0.089	0.084	0.080	0.083	0.116	0.123	2,386
27	0.123	0.097	0.087	0.086	0.089	0.127	0.131	2,426
28	0.130	0.099	0.087	0.082	0.089	0.121	0.140	2,397
29	0.139	0.111	0.089	0.082	0.080	0.094	0.140	2,432
30	0.101	0.091	0.084	0.080	0.080	0.108	0.154	2,138

Slow Sand Filtration 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		Monthly UV Summary 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: <i>Dave Embleton</i>	Date: 10/1/2023
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 = 3.52 Achieved = 52.04

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: 9 / 2023

Minimum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 4.22%			
Minimum Validated UVT: 97.6%			Min. UV Dose achieved/intended this month: 45.1 / 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	2,525	5.6	46.0	Yes	3,447,000	0	
2	2,441	5.6	51.2	Yes	3,391,000	0	
3	2,426	5.6	49.4	Yes	3,363,000	0	
4	2,414	5.6	50.1	Yes	3,374,000	0	
5	2,565	5.5	50.1	Yes	3,206,000	0	
6	2,403	5.5	52.0	Yes	3,321,000	0	
7	2,436	5.6	53.2	Yes	3,313,000	0	
8	2,341	5.6	49.7	Yes	3,284,000	0	
9	2,348	5.7	54.0	Yes	3,236,000	0	
10	2,389	5.7	52.5	Yes	3,263,000	0	
11	2,364	5.8	51.6	Yes	3,242,000	0	
12	2,426	5.5	47.1	Yes	3,270,000	0	
13	2,437	5.8	53.8	Yes	3,339,000	0	
14	2,376	5.7	54.6	Yes	3,290,000	0	
15	2,425	5.5	53.9	Yes	3,335,000	0	
16	2,476	5.8	51.5	Yes	3,358,000	0	
17	2,435	5.7	52.1	Yes	3,345,000	0	
18	2,426	5.8	51.7	Yes	3,358,000	0	
19	2,385	5.8	48.1	Yes	3,315,000	0	
20	2,504	5.6	49.6	Yes	3,345,000	0	
21	2,468	5.5	48.1	Yes	3,366,000	0	
22	2,420	5.4	47.2	Yes	3,335,000	0	
23	2,404	5.5	52.1	Yes	3,346,000	0	
24	2,486	5.8	53.4	Yes	3,355,000	0	
25	2,412	5.8	50.5	Yes	3,356,000	0	
26	2,386	5.6	46.9	Yes	3,321,000	0	
27	2,426	5.8	45.1	Yes	3,318,000	0	
28	2,397	5.8	47.3	Yes	3,120,000	0	
29	2,432	6.1	63.1	Yes	2,742,000	0	
30	2,138	5.8	51.1	Yes	2,917,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton		Signature: 			Cert #: D6098/T6098	Date: 10/1/2023	

Notes: * Willamette Wellfield Off