


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data


System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 5 / 2021

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	0.103	0.086	0.080	0.079	0.146	0.179	0.196	1,917
2	0.103	0.084	0.079	0.077	0.133	0.179	0.181	1,819
3	0.118	0.087	0.078	0.078	0.174	0.194	0.205	2,027
4	0.106	0.085	0.079	0.077	0.163	0.183	0.193	1,925
5	0.113	0.088	0.085	0.081	0.153	0.165	0.166	2,131
6	0.108	0.089	0.081	0.082	0.119	0.108	0.122	2,021
7	0.098	0.081	0.075	0.075	0.102	0.109	0.116	2,064
8	0.092	0.080	0.076	0.075	0.126	0.133	0.133	1,988
9	0.108	0.089	0.083	0.082	0.126	0.136	0.136	2,014
10	0.109	0.091	0.083	0.082	0.125	0.148	0.156	1,981
11	0.109	0.089	0.081	0.082	0.129	0.144	0.159	2,072
12	0.118	0.099	0.090	0.094	0.151	0.170	0.171	2,107
13	0.130	0.104	0.093	0.094	0.218	0.331	0.332	2,426
14	0.254	0.139	0.114	0.109	0.193	0.333	0.333	2,406
15	0.259	0.142	0.116	0.111	0.235	0.424	0.424	2,413
16	0.313	0.158	0.121	0.116	0.211	0.384	0.403	2,516
17	0.333	0.176	0.124	0.117	0.159	0.299	0.334	2,532
18	0.249	0.149	0.116	0.113	0.166	0.264	0.296	2,290
19	0.244	0.150	0.115	0.112	0.159	0.207	0.244	2,329
20	0.184	0.131	0.108	0.109	0.154	0.220	0.221	2,512
21	0.171	0.121	0.104	0.101	0.146	0.195	0.204	2,368
22	0.192	0.116	0.095	0.091	0.128	0.219	0.228	2,260
23	0.189	0.113	0.094	0.091	0.189	0.206	0.206	2,393
24	0.184	0.126	0.103	0.101	0.173	0.223	0.229	2,351
25	0.163	0.112	0.100	0.113	0.158	0.181	0.181	2,318
26	0.146	0.109	0.101	0.087	0.177	0.258	0.259	2,413
27	0.198	0.116	0.094	0.090	0.105	0.165	0.198	2,380
28	0.149	0.097	0.084	0.081	0.178	0.242	0.242	2,340
29	0.193	0.113	0.090	0.086	0.193	0.238	0.248	2,466
30	0.173	0.120	0.098	0.094	0.194	0.221	0.231	2,762
31	0.175	0.127	0.106	0.106	0.173	0.195	0.197	2,701

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: 6/8/2021
	Phone #: (541) 726-2396 Cert #: D6098/T6098
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 = 5.00 Achieved = 53.50

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

System Name: Springfield Utility Board ID #: 4100837 WTP: Willamette WTP-A Month / Year: 5 / 2021

Mininum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 9.28%			
Minimum Validated UVT: 95.6%			Min. UV Dose achieved/intended this month: 43.8 / 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	1,917	3.2	54.1	Yes	2,564,000	0	
2	1,819	2.8	48.9	Yes	2,502,000	0	
3	2,027	2.7	49.2	Yes	2,591,000	0	
4	1,925	3.0	44.9	Yes	2,640,000	0	
5	2,131	2.8	47.8	Yes	2,794,000	0	
6	2,021	3.1	44.4	Yes	2,794,000	0	
7	2,064	2.8	46.8	Yes	2,813,000	0	
8	1,988	2.9	48.2	Yes	2,710,000	0	
9	2,014	4.3	46.9	Yes	2,637,000	0	
10	1,981	3.2	50.9	Yes	2,647,000	0	
11	2,072	4.2	49.4	Yes	2,767,000	0	
12	2,107	4.6	46.4	Yes	2,815,000	0	
13	2,426	4.0	44.6	Yes	3,056,000	0	
14	2,406	4.3	44.7	Yes	3,365,000	0	
15	2,413	4.6	43.8	Yes	3,304,000	0	
16	2,516	4.4	44.3	Yes	3,376,000	0	
17	2,532	4.6	44.7	Yes	3,323,000	0	
18	2,290	4.6	44.8	Yes	3,207,000	0	
19	2,329	4.2	44.8	Yes	3,171,000	0	
20	2,512	4.4	45.2	Yes	3,258,000	0	
21	2,368	4.2	56.2	Yes	3,203,000	0	
22	2,260	4.1	44.7	Yes	3,125,000	0	
23	2,393	4.4	44.5	Yes	3,217,000	0	
24	2,351	4.3	45.7	Yes	3,258,000	0	
25	2,318	4.5	45.3	Yes	2,912,000	0	
26	2,413	4.0	43.8	Yes	2,924,000	0	
27	2,380	4.2	45.6	Yes	3,098,000	0	
28	2,340	3.9	45.8	Yes	3,205,000	0	
29	2,466	3.8	44.8	Yes	3,242,000	0	
30	2,762	3.9	50.8	Yes	3,529,000	0	
31	2,701	4.1	51.6	Yes	3,708,000	0	
Monthly Cumulative % Off-Spec Water Produced							0.00%
Print Name: Dave Embleton			Signature: 		Cert #: D6098/T6098		Date: 6/8/2021