


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 5 / 2024

Day	Well #2 [On/Off]	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	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
2	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
3	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
4	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
5	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
6	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
7	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
8	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*	Off*
9	On	0.044	0.043	0.043	0.042	0.092	0.078	0.966	709
10	On	0.072	0.064	0.056	0.051	0.044	0.042	0.407	973
11	On	0.041	0.040	0.036	0.042	0.041	0.040	0.153	980
12	On	0.040	0.040	0.039	0.041	0.040	0.040	0.122	969
13	On	0.040	0.040	0.038	0.042	0.039	0.040	0.146	970
14	On	0.040	0.039	0.038	0.040	0.039	0.040	0.087	977
15	On	0.040	0.040	0.071	0.039	0.039	0.039	0.084	971
16	On	0.040	0.040	0.040	0.039	0.039	0.040	0.040	977
17	On	0.040	0.040	0.040	0.039	0.039	0.040	0.040	978
18	On	0.040	0.040	0.039	0.040	0.040	0.040	0.099	984
19	On	0.040	0.040	0.039	0.040	0.040	0.040	0.086	979
20	On	0.040	0.040	0.046	0.040	0.039	0.039	0.084	978
21	On	0.040	0.040	0.044	0.039	0.039	0.039	0.081	949
22	On	0.039	0.039	0.039	0.039	0.039	0.039	0.040	967
23	On	0.039	0.039	0.055	0.039	0.039	0.039	0.090	959
24	On	0.039	0.039	0.039	0.039	0.039	0.039	0.050	969
25	On	0.039	0.039	0.039	0.039	0.039	0.039	0.039	963
26	On	0.039	0.039	0.039	0.039	0.039	0.039	0.039	954
27	On	0.039	0.039	0.039	0.039	0.039	0.039	0.083	966
28	On	0.039	0.039	0.039	0.039	0.039	0.039	0.039	986
29	On	0.039	0.039	0.038	0.038	0.039	0.039	0.039	978
30	On	0.039	0.039	0.038	0.038	0.038	0.039	0.039	951
31	On	0.039	0.039	0.038	0.038	0.038	0.039	0.039	921


Natural 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: 6/3/2024
		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 = 6.00 Achieved = 36.38	

Notes: * Thurston Well 2 Off

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

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 5 / 2024

Minumum UVT [%] during month: N/A				Duty Sensor variation from reference sensor: 14.29%				
Minimum Validated UVT: 98.2%				Min. UV Dose achieved/intended this month: 22.6 / 15 mJ/cm ²				
Day	Peak Hourly Demand Flow [gpm/unit]	Well #2 [On/Off]	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	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
2	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
3	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
4	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
5	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
6	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
7	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
8	Off*	Off*	Off*	Off*	Off*	Off*	Off*	
9	709	On	6.1	23.8	Yes	30,000	0	
10	973	On	22.7	22.6	Yes	772,000	0	
11	980	On	6.2	23.7	Yes	919,000	0	
12	969	On	6.3	24.1	Yes	1,130,000	0	
13	970	On	5.9	23.6	Yes	1,088,000	0	
14	977	On	6.3	23.9	Yes	1,124,000	0	
15	971	On	6.5	22.9	Yes	1,147,000	0	
16	977	On	25.9	23.7	Yes	1,375,000	0	
17	978	On	20.0	23.0	Yes	1,370,000	0	
18	984	On	6.7	23.8	Yes	1,136,000	0	
19	979	On	6.7	23.8	Yes	1,145,000	0	
20	978	On	6.6	23.8	Yes	1,145,000	0	
21	949	On	6.1	23.7	Yes	1,183,000	0	
22	967	On	26.0	23.6	Yes	1,352,000	0	
23	959	On	6.2	24.1	Yes	1,119,000	0	
24	969	On	25.2	23.6	Yes	1,341,000	0	
25	963	On	26.4	24.0	Yes	1,352,000	0	
26	954	On	26.5	24.4	Yes	1,327,000	0	
27	966	On	6.1	24.0	Yes	1,314,000	0	
28	986	On	20.8	23.0	Yes	1,360,000	0	
29	978	On	25.8	23.7	Yes	1,364,000	0	
30	951	On	24.3	24.1	Yes	1,340,000	0	
31	921	On	24.3	23.8	Yes	1,289,000	0	
Monthly Cumulative % Off-Spec Water Produced								0.00%
Print Name: Dave Embleton			Signature: 			Cert #: D6098/T6098		Date: 6/3/2024

Notes: * Thurston Well 2 Off