


Oregon OHA - Drinking Water Services - Turbidity Water Quality Data

Thurston Well 2

System Name: Springfield Utility Board ID #: 4100837 WTP: WTP-B Month / Year: 1 / 2022

| 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 | On | 0.061 | 0.061 | 0.060 | 0.062 | 0.061 | 0.061 | 0.080 | 986 |
| 2 | On | 0.061 | 0.061 | 0.060 | 0.063 | 0.062 | 0.061 | 0.084 | 974 |
| 3 | On | 0.061 | 0.061 | 0.059 | 0.059 | 0.023 | 0.029 | 0.062 | 992 |
| 4 | On | 0.029 | 0.029 | 0.028 | 0.034 | 0.034 | 0.034 | 0.056 | 977 |
| 5 | On | 0.034 | 0.034 | 0.034 | 0.034 | 0.033 | 0.033 | 0.059 | 980 |
| 6 | On | 0.033 | 0.033 | 0.029 | 0.048 | 0.053 | 0.056 | 0.067 | 982 |
| 7 | On | 0.059 | 0.059 | 0.059 | 0.056 | 0.056 | 0.056 | 0.089 | 976 |
| 8 | On | 0.056 | 0.056 | 0.056 | 0.051 | 0.051 | 0.051 | 0.085 | 987 |
| 9 | On | 0.051 | 0.051 | 0.051 | 0.062 | 0.044 | 0.044 | 0.071 | 991 |
| 10 | On | 0.044 | 0.044 | 0.044 | 0.044 | 0.043 | 0.042 | 0.058 | 987 |
| 11 | On | 0.042 | 0.039 | 0.040 | 0.040 | 0.039 | 0.040 | 0.056 | 978 |
| 12 | On | 0.040 | 0.039 | 0.039 | 0.039 | 0.039 | 0.040 | 0.040 | 972 |
| 13 | On | 0.040 | 0.039 | 0.039 | 0.039 | 0.038 | 0.038 | 0.073 | 979 |
| 14 | On | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 967 |
| 15 | On | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.066 | 979 |
| 16 | On | 0.038 | 0.038 | 0.038 | 0.038 | 0.037 | 0.037 | 0.056 | 975 |
| 17 | On | 0.037 | 0.037 | 0.037 | 0.038 | 0.038 | 0.038 | 0.048 | 982 |
| 18 | On | 0.038 | 0.037 | 0.036 | 0.036 | 0.036 | 0.036 | 0.051 | 984 |
| 19 | On | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.056 | 994 |
| 20 | On | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 980 |
| 21 | On | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 981 |
| 22 | On | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.059 | 984 |
| 23 | On | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.036 | 0.056 | 986 |
| 24 | On | 0.036 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.054 | 986 |
| 25 | On | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.034 | 0.035 | 963 |
| 26 | On | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.035 | 966 |
| 27 | On | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.035 | 959 |
| 28 | On | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 0.034 | 962 |
| 29 | On | 0.034 | 0.033 | 0.031 | 0.036 | 0.034 | 0.034 | 0.066 | 967 |
| 30 | On | 0.033 | 0.032 | 0.031 | 0.033 | 0.032 | 0.032 | 0.052 | 966 |
| 31 | On | 0.032 | 0.031 | 0.029 | 0.033 | 0.032 | 0.032 | 0.046 | 985 |


| | | | |
|---|--|--|---|
| 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: 2/4/2022 |
| | | 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 = 6.80 Achieved = 38.66 |

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: 1 / 2022

| Minimum UVT [%] during month: N/A | | | | Duty Sensor variation from reference sensor: 12.52% | | | | |
|---|------------------------------------|------------------|--|---|------------------------|--------------------------------|--|--|
| Minimum Validated UVT: 98.8% | | | | Min. UV Dose achieved/intended this month: 22.9 / 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 | 986 | On | 25.8 | 23.6 | Yes | 919,000 | 0 | |
| 2 | 974 | On | 6.5 | 23.0 | Yes | 783,000 | 0 | |
| 3 | 992 | On | 25.6 | 23.7 | Yes | 482,000 | 0 | |
| 4 | 977 | On | 6.6 | 22.9 | Yes | 800,000 | 0 | |
| 5 | 980 | On | 26.3 | 23.7 | Yes | 711,000 | 0 | |
| 6 | 982 | On | 6.6 | 23.6 | Yes | 813,000 | 0 | |
| 7 | 976 | On | 6.4 | 23.8 | Yes | 815,000 | 0 | |
| 8 | 987 | On | 6.4 | 23.6 | Yes | 849,000 | 0 | |
| 9 | 991 | On | 6.5 | 25.1 | Yes | 1,081,000 | 0 | |
| 10 | 987 | On | 5.8 | 24.3 | Yes | 1,335,000 | 0 | |
| 11 | 978 | On | 28.2 | 25.2 | Yes | 1,222,000 | 0 | |
| 12 | 972 | On | 27.5 | 24.8 | Yes | 1,390,000 | 0 | |
| 13 | 979 | On | 5.9 | 24.5 | Yes | 999,000 | 0 | |
| 14 | 967 | On | 20.8 | 23.2 | Yes | 1,386,000 | 0 | |
| 15 | 979 | On | 5.7 | 23.5 | Yes | 948,000 | 0 | |
| 16 | 975 | On | 5.8 | 24.6 | Yes | 964,000 | 0 | |
| 17 | 982 | On | 5.6 | 24.0 | Yes | 1,394,000 | 0 | |
| 18 | 984 | On | 6.5 | 23.0 | Yes | 1,169,000 | 0 | |
| 19 | 994 | On | 6.2 | 22.9 | Yes | 1,113,000 | 0 | |
| 20 | 980 | On | 28.4 | 25.3 | Yes | 1,409,000 | 0 | |
| 21 | 981 | On | 28.3 | 25.2 | Yes | 1,410,000 | 0 | |
| 22 | 984 | On | 6.4 | 23.2 | Yes | 1,183,000 | 0 | |
| 23 | 986 | On | 6.3 | 23.7 | Yes | 1,160,000 | 0 | |
| 24 | 986 | On | 6.3 | 25.1 | Yes | 996,000 | 0 | |
| 25 | 963 | On | 24.8 | 23.8 | Yes | 1,305,000 | 0 | |
| 26 | 966 | On | 25.0 | 23.5 | Yes | 1,307,000 | 0 | |
| 27 | 959 | On | 23.9 | 23.6 | Yes | 1,323,000 | 0 | |
| 28 | 962 | On | 23.9 | 23.6 | Yes | 1,354,000 | 0 | |
| 29 | 967 | On | 5.6 | 24.1 | Yes | 857,000 | 0 | |
| 30 | 966 | On | 5.7 | 23.6 | Yes | 947,000 | 0 | |
| 31 | 985 | On | 5.7 | 23.0 | Yes | 723,000 | 0 | |
| Monthly Cumulative % Off-Spec Water Produced | | | | | | | | 0.00% |
| Print Name: Dave Embleton | | | Signature:  | | | Cert #: D6098/T6098 | | Date: 2/4/2022 |

Notes: * Thurston Well 2 Off