

## Guide to Monthly Water Report Data

(6/22/23)

### Definitions:

**“Waterhouse Tap”:** This is a tap to sample water that is at the water house located after the water has been removed from the ground, treated with chlorine and fluoride, and gone through the chlorine contact time. The tap is located before the water enters the drinking water system.

**“WWTF Tap”** This is a water tap at the wastewater treatment facility that is one of the system end points.

### Sampling and Data Information:

**Meter:** Master flow meter for total water pumped. This occasionally resets to zero, but this correlates to the next column which is “gallons”.

**Gallons Produced:** Total water pumped from the well into the system in one day.

**Flu. Lev.:** The level of fluoride in the system. Fluoride levels are targeted for between 0.6 mg/L – 1.0 mg/L with the optimal level of 0.7 mg/L. This sample is taken from the Waterhouse Tap.

**Entry Point. Cl2:** Total chlorine measured in the system when the chlorine is first added to the system. This should be no higher than 4.0 mg/L and there must be a detectable residual through all parts of the water system at all times, with the recommendation of at least 0.8 mg/L at the entry point. This sample is taken from the Waterhouse Tap.

**pH Out:** pH of the water after treatment. The State directed minimum range is 7.0. This sample is taken from the Waterhouse Tap.

**System Free Cl2:** Total amount of chlorine in the system which is left over after the amount needed to disinfect. This should be no higher than 4.0 mg/L and there must be a detectable residual through all parts of the water system at all times, with the recommendation of at least 0.1 mg/L or higher throughout the entire distribution system. This sample is taken from the WWTF Tap.