

**Weekly Update**  
**Apalachicola City Water**  
**September 18, 2025**

**Progress:**

Carbon dioxide (CO<sub>2</sub>) injection system installation and well maintenance–

- Work on municipal well #6 will resume next week.
- When Well #6 goes back online, maintenance and CO<sub>2</sub> injection system installation will begin on Well #5, followed by Well #7.

Aerator/scrubber–

- The manufacturer alerted Dewberry that the unit will not be shipped until mid-October.
- When asked for an explanation, they (the manufacturer) indicated there were backups in manufacturing.

The Florida Department of Environmental Protection approved a permit extension for the alternate hydrogen sulfide treatment system (hydrogen peroxide treatment system).

**City Water Sample Test Results:**

- **Daily residual chlorine** (September 9<sup>th</sup> through 18<sup>th</sup>, 2025):
  - At the plant, levels ranged from 2.80 - 3.42 ppm.
  - At the remote location, levels ranged from 0.25 - 0.38 ppm.
  - Residual chlorine is the amount of chlorine that remains in the water after treatment at the drinking water plant. Chlorine reacts with organic material and hydrogen sulfide as it travels down the water distribution system—so chlorine levels decrease with increased distance from the plant. This decrease is normal for every water treatment system. *State regulations say that chlorine levels cannot be above 4 ppm, or below 0.20 ppm. Levels at or above 0.2 ppm indicate there is enough chlorine to kill bacteria.*