Weekly Update
Apalachicola City Water
September 8, 2025

Progress:

Carbon dioxide (CO_2) injection system installation and well maintenance continues. Work on Municipal Well #6 continues. At last week's city commissioners' meeting, the City Commission approved funding new parts for the well casing and pump as a preventative measure. Estimated completion date for all work on Well #6 should be provided to the City by the end of the week. When completed, Well #6 will go back online and maintenance and CO_2 injection system installation will begin on Well #5, followed by Well #7.

Delivery of the aerator is still anticipated by the end of the month. The manufacturer is sending plans for piping to Dewberry for approval.

City Water Sample Test Results:

- **Monthly Bacteria test results** (September 3rd and 4th, 2025):
    - NO BACTERIA DETECTED–negative (absent) results for total choliform and *E. coli*
    - Samples collected from Wells 5 and 7 and six community locations (See above, Well #6 is not online.)

- **Daily residual chlorine** (September 2nd through 8th, 2025)**:**
    - At the plant, levels ranged from 2.35 - 3.21 ppm.
    - At the remote location, levels ranged from 0.28 - 0.51 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 5 ppm, or below 0.20 ppm. Levels at or above 0.2 ppm indicate there is enough chlorine to kill bacteria.*