

## **Notification of Hydrogen Peroxide Pilot Testing**

The Cedar Key Water & Sewer District (CKWSD) is actively working with the Florida Department of Environmental Protection (FDEP) towards improvements in the Cedar Key water supply treatment facility. Recently, the consulting engineering firm, Mittauer & Associates, Inc. has proposed the pilot testing of hydrogen peroxide to determine whether it will be effective in reducing the levels of disinfection byproducts (DBPs) in the potable water delivered to system customers.

In order to evaluate the use of hydrogen peroxide, a 90-day pilot testing program has been proposed to the FDEP. The hydrogen peroxide pilot system involves equipment that injects hydrogen peroxide into the well water at the CKWSD wellfield. The hydrogen peroxide will comply with NSF/ANSI 60, Drinking Water Treatment Chemicals - Health Effects. The hydrogen peroxide treatment equipment will be placed in service no sooner than 7 days from the distribution date of this notice. Following the installation, customers will not likely notice any difference in the water, yet it will continue to be safe and meet the requirements of the FDEP while further reducing DBPs.

The hydrogen peroxide system will be monitored daily per federal EPA and state FDEP drinking water regulations. The results of the monitoring program are expected to demonstrate the effectiveness of hydrogen peroxide to reduce DBPs.

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