

FGUA Pasco Utility System Updates

The Florida Governmental Utility Authority (FGUA) continues efforts to improve water quality and reliability throughout the FGUA Seven Springs System.

Since acquiring the system in February 2009, the FGUA has already completed several activities to improve water quality in the Seven Springs System, including:

- Initial water quality sampling measuring corrosivity and ensuring adequate water treatment.
- Equipment condition assessment, including interviews with operations and maintenance staff, inspection of all treatment facilities and review of historical customer issues.
- Introduction of corrosion control measures reducing residential copper pinhole leaks by feeding a corrosion inhibitor into the distribution system and conducting coupon testing of residential pinhole leaks.
- System Wide mapping (including water, wastewater and reclaim systems) have been completed which created a better understanding and evaluation of the existing system.
- Hydraulic modeling condition assessments.
- System looping projects have been completed providing water quality improvements by reducing dead ends in the system and improving flow of water throughout the system.
- Testing and replacement of Fire Hydrants as necessary.
- Replacement of water meters. The FGUA is replacing approximately 10 percent of meters each year.

Additional improvements are underway that will provide improved water quality and reliability throughout the system:

- Annual system-wide flushing removing buildup and black water caused by aging, unused water in the system.
- Improvements to the Centralized Water Treatment Plant will treat water from existing well sites by removing hydrogen sulfide, the primary cause of black water and sulfur smell from customers' water, through aeration filtration and will also remove other particulates from water through sand filtration.
- Aesthetic and landscaping improvements are also included as part of water treatment plant improvements. Additionally, new water mains are being installed for transporting water from the well sites to the upgraded water treatment plant.
- Interconnections from Pasco County will reduce the demand for water from well sites and meet Southwest Florida Water Management District (SWFWMD) requirements. The improvements are scheduled for completion by Spring 2011.

The Florida Governmental Utility Authority is required to complete all of its improvements and meet its Southwest Florida Water Management District (SWFWMD) groundwater pumping limits by August 2011. Once complete, the improvements will provide FGUA customers with some of the best possible water quality and service available in the area. Customers with any service or water quality inquiries may contact the FGUA Pasco Utility System Customer Service Office at (727) 372-0115.