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So much water is wasted every year from residential broken irrigation sprinkler systems, mis-managed irrigation schedules, unrepaired valve leaks in sinks and showers, and many other reasons contributing to over use. I believe most people are not aware of a water shortage threat and/ or do not care to save or conserve water because it so cheap. Our water bills should tell us how water has become more expensive over the past few years.

Saving water should not be a concern only in times of drought when water is undeniably scarce. Your MUD district participates annually with North Fort Bend Water Authority in the Larry's Water Conservation Toolbox Program which promotes water conservation.

Your MUD District recently installed a RainBird LXME Irrigation Controller with Flow Monitoring and a RainBird IQ Cellular Communication Cartridge at Duhacsek Village Green Park. The park has an irrigation system with over 20 zones and often irrigation problems or a lack of irrigation go undetected for days.

The cellular communications cartridge links to the Cloud and communicates several times daily to the irrigation controller. The Cloud downloads weather data and makes adjustments to the controller and adjust run times and days based on the weather data.

The new Flow monitoring ensures no flow occurs when the controller is not running. Flow is also monitored while the controller is running to check for excessive flow due to broken equipment.

The Master Valve will shut down the mainline when there is flow that is not scheduled.

Our service provides the MUD with live information regarding issues that arise between the landscapers visits to the property. We then communicate this information to the landscaper and the MUD Board, so action can be taken to ensure the efficient use of water.

-Juan Villarreal, President MUD 41