

Pipe Lines

A SCADA-focused Newsletter from Data Flow Systems
Issue 4, 2021



Fort Myers - Phase 3

Fort Myers is known as The City of Palms. It is renowned for its proximity to beautiful beaches, world-class fishing, golf courses and even an ice-skating rink. With a population of about 80,000, it is the seat of Lee County, Florida.

In 2017, Data Flow Systems began the first of a multiphase SCADA project for the city's wastewater collection system.

The first two phases of the project, implemented in 2017 and 2019, saw Telemetry Control Unit (TCU001) RTUs installed on 85 lift stations.

Now, we're excited to begin the third phase of SCADA installation for the city. The newest project includes RTUs with our latest controller, the TCU800, on an additional 53 lift stations.

This added phase pushes Fort Myers past the "century mark" to a total of 138 sites.

Catching Up With Manor, Texas



Mike Tuley was the very first person in Texas to use a DFS system. That was in 1993 when Mike was working for the town of Brady. A few years later, when he moved to the City of Manor as their Public Works Director, he told them that DFS was the only SCADA system he wanted. It's been 26 years now, and Mike still feels the same way.

Manor is a fast-growing suburban area on the northeast side of Austin. It has a population that has grown from under 1,200 in the middle 90s to about 14,000 today. While it may be recognized for its old, iconic water tower, Manor also gets some high-tech plaudits. It was the first government agency in the United States to deploy a Quick Response "[QR Code](#)" program to disseminate information to residents and tourists.

The city's interest in the benefits of technology extends to their water utilities as well.

On the freshwater side, Mike's Utilities Superintendent, James Torres, uses their DFS HyperTAC SCADA to oversee three ground storage tanks and two elevated tanks. The system monitors tank pressures and controls well pumps to maintain the tank levels. It measures the use of their supplemental purchased water and controls the mixing of the two water sources.

The system also operates the city's wastewater lift stations and the wastewater treatment plant. Last year, their Wilbarger Creek plant underwent an extensive expansion that included new facilities and on-site offices. The SCADA system benefited from a new, relocated central site, and several "smart" TCU-based RTUs. All generators that have been added to the lift stations and WWTP are also monitored by the system.

The new year has already seen the addition of several RTUs and a new package WWTP is in the works. We're looking forward to working with Mike and James as their utility strives to keep pace with their growing community.

DFS Calendar of Events

Visit DFS at the

North Carolina Rural Water Conference
Benton Convention Center
Winston-Salem, NC
May 10-13, 2021

DIN-Rail Products

Did you know that DFS makes a family of DIN-Rail-mounted, modular design products for Modbus, ASCII, RTU and TCP protocols? These products, which are ideal for use in many industries, include a PLC with ladder logic and HMI software, I/O devices, network conversion and radios.

Georgia Rural Water
Association
Jekyll Island Convention
Center
Jekyll Island, Georgia
May 11-13, 2021

Another member of this group is our Rail Pressure Transducer (RPT001) level sensing system. It produces a reliable 4-20 mA output for well level indication and is a practical alternative to hanging or submerging instrumentation inside a wet well. It is ideal for use with pump controllers such as the DFS TCU800.



Ask about our lifetime warranties on products and services.