

Water Applications



Peace of Mind

Chautauqua County, Kansas uses solar-powered Mission remote terminal units (RTUs) to monitor many miles of pipeline for leaks. The 123SCADA web portal makes it easy for the operator to detect potential issues.

As seen in *Water & Wastes Digest*, 2018

Monitoring the Museum

The Maryhill Museum of Art in Goldendale, Washington preserves and houses art and other historical artifacts. Mission Communications provides the monitoring and remote control equipment for the onsite water system, which supports the property's HVAC and irrigation systems.

As seen in *Water & Wastes Digest*, 2017



Small Town SCADA Yields Big-Time Results

Marlboro Water Company in South Carolina replaces its outdated system with the Tank and Well Control Package, which provides real-time monitoring and remote pump control. Increased efficiency and water prevention saves the utility valuable resources.

As seen in *Water & Wastes Digest*, 2013

Wireless SCADA Technology Supports Utility During Winter Storm

Hillview Water Company in Oakhurst, California credits Mission-managed SCADA for averting disaster during a severe winter storm. The remote monitoring capabilities of the system kept water flowing to thousands of customers after a major snow storm.

As seen in *Water & Wastes Digest*, 2013



San Juan Island Well Production and Tank Level Monitoring

In San Juan Island, Washington, sparse freshwater resources and limited personnel make for a challenging installation at a remote site. The Mission system received a strong signal, while the installer's cell phone had no reception, even operating on the same network.

As seen in *Water & Wastes Digest*, 2012



Wastewater Applications



Monitoring Rainfall

The City of Springfield, Missouri integrates Mission-managed SCADA throughout several divisions of its Public Works Department. City officials use Mission data for floodplain remapping, stormwater sampling, and wastewater monitoring at city lift stations.

As seen in *Water & Wastes Digest*, 2018

Mission-Critical Monitoring in South Carolina

The wastewater treatment agency, Renewable Water Resources (ReWa), in South Carolina replaces their dial-up phone system at pump stations with Mission units for increased reliability.

As seen in *Water & Wastes Digest*, *WaterWorld*, and *SC Journal*, 2018



SCADA: Eyes & Ears

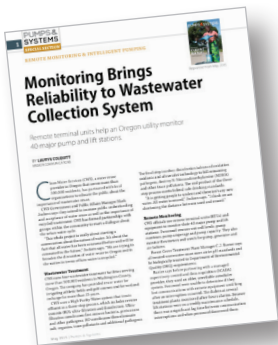
Darien, Connecticut upgrades from obsolete programmable logic controllers to purpose-built Mission RTUs to monitor pumps, generators, and wet well levels at each of its pump stations.

As seen in *Water & Wastes Digest*, 2017

Saving Time, Money & Manpower

Lenawee County, Michigan adds Mission RTUs to 40 lift stations, saving time, manpower, and money. The Mission system reduces site inspections, finds holes in riser pumps more quickly, and resolves a major billing dispute with the local power company.

As seen in *Water & Wastes Digest*, 2016



Monitoring Brings Reliability to Wastewater Collection Systems

Clean Water Services (CWS) upgrades from a traditional SCADA system to Mission-managed service. RTUs help CWS monitor 40 major pump and lift stations to monitor wet well levels, pump runtimes, pump amperage, and pump capacity.

As seen in *Pumps & Systems*, 2015



Banishing Backups

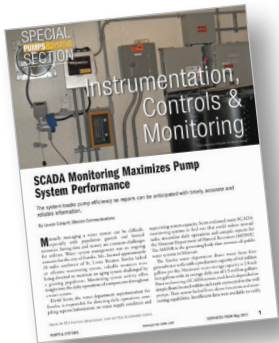
High-level and surcharge alarms notify operators at The Village of Waterford, Wisconsin and the City of Clarksburg, West Virginia of problems so they can prevent and track manhole backups and overflows. Event duration data is used to generate reports that are submitted to governing agencies for compliance.

As seen in *Water & Wastes Digest*, 2014

Isolating Inflow & Infiltration

Missouri officials recognize Duckett Creek Sanitary District for collection system improvements. Monitoring equipment provides timely and accurate data to detect and eliminate inflow and infiltration.

As seen in *Water & Wastes Digest*, 2013



SCADA Monitoring Maximizes Pump System Performance

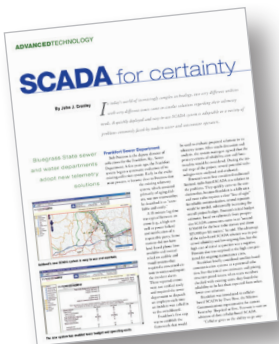
The City of Eureka, Missouri reduces costs and labor by proactively monitoring and tracking pump efficiency. Repairs are anticipated with timely, accurate, and reliable information.

As seen in *Pumps & Systems*, 2013

Reaping the Rewards of Restoration

Caryville-Jackson Utility Commission in Tennessee receives an EPA award and grant for reducing collection system energy usage and flow with the use of real-time streaming data.

As seen in *Water & Wastes Digest*, 2013



SCADA for Certainty

Ashland and Frankfort, Kentucky face different problems in updating their infrastructures. One has a limited budget while the other has an aging telemetry system.

As seen in *Water & Wastes Digest*, 2011

Hybrid SCADA Applications



Pebble Beach Community Services District Backup Monitoring to an Existing SCADA System

Pebble Beach, California maintains a long-standing record of pump station reliability. Recurring communication failures with its phone-line-based SCADA system led the district to seek out other options.

As seen in *Water & Wastes Digest*, 2012

High Tech in the Low Country

Beaufort-Jasper, South Carolina combines managed SCADA with existing telemetry to save money and increase efficiency for a complex system that serves multiple counties.

As seen in *Water & Wastes Digest*, 2010



Miscellaneous Applications



Controlling Communications

Palm coast Stormwater Division in Florida added real-time SCADA RTUs to gate structures to automatically open and close gates to control water levels in stormwater canals.

As seen in *Stormwater Solutions*, 2014

Utilities Expand Personnel Capabilities with Managed SCADA System

As the water and wastewater industries face a shrinking labor force, Mission-managed service and remote monitoring accommodate the decrease in available manpower.

As seen in *Pumps & Systems*, 2013



Visit 123mc.com to read the full articles and view the updated archive with more articles