



WATER LOSS REDUCTION IN MIAMI DADE COUNTY FACILITATED BY GUTERMANN

MIAMI, FL, May 17, 2016 -- Gutermann AG, a Swiss innovator of intelligent water loss and leak detection technologies, is doubling its coverage in Miami-Dade County of remote, always-on measurement points. After the successful completion of a competitive trial that began in October 2014 with the goal of reducing water loss through intelligent [leak detection](#) technology, this technology will be installed to nearly 40 miles of the water distribution lines throughout the Miami-Dade Water and Sewer Department's service area. The [technology](#), used globally by more than 100 cities, along with Vancouver and Montreal in North America, allows Miami-Dade County to enhance its capability to pinpoint water leaks, reducing response time and man-hours for repairs to the system.

Miami-Dade Water and Sewer Department operates more than 8000 miles of water transmission and distribution lines in its system, serving more than 2.3 million people in a 400 square mile area. During the next 15-20 years, the department is tasked with implementing a \$13.5 billion [capital improvement program](#) to upgrade the County's water and sewer infrastructure, and technology like Gutermann's -- where the results are immediate -- are essential to reaching their goals

"As the largest utility in the Southeastern United States, Miami-Dade has aimed to be a leader in the U.S. around water stewardship for more than three decades," said Lance Llewelyn, Assistant Superintendent, Water Transmission and Distribution Division, Miami-Dade Water and Sewer Department. "We selected Gutermann's permanent leakage monitoring system as part of our innovative program."

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Gutermann's fixed-network leak monitoring technology is considered one of the most accurate and comprehensive in the market and Miami-Dade County is the largest single water provider in the U.S. using the full system in its progressive approach to water conservation management.

"The early results in Miami mirror those we have seen in more than 100 global cities like Vancouver, Montreal, Lyon, and Abu Dhabi," said Uri Gutermann, Chairman. "We are particularly proud of the work we have accomplished with Miami-Dade County because it is the first major U.S. city to employ the full capabilities of Gutermann's leak detection technology. When fully deployed, we have been able to achieve the industry standard goal of less than 10 percent non-revenue water loss, which extends the life of existing infrastructure and turns more of the water produced into revenues.

Working in tandem with Gutermann's Zonescan Alpha fixed network monitoring system, Miami-Dade County is endeavoring to continue their successful efforts in complying with requirements levied by the regulatory entities, of keeping their non-revenue water to less than 10%. This solution uses large numbers of Zonescan sensors (also called "loggers") which record and transmit vast amounts of data caused by minute vibrations and sounds from leaks in water supply pipes to a cloud-based system. The data is automatically analyzed, allowing for the quick and accurate identification and location of water leaks. This minimizes the need to send leakage operators out to the field to verify and pinpoint the leak, and it reduces the otherwise high rates of false alarms and missed leaks, inherent in other existing leak monitoring systems.

About GUTERMANN

GUTERMANN is a global technology leader and innovator in intelligent water loss technologies. We cover the full range of conventional leak detection equipment and are the only provider of permanent, fully automatic, correlating network monitoring systems enabling utilities to pinpoint leaks within the shortest time. GUTERMANN partners with established technology companies such as Aclara, Veolia, Suez, Homerider Systems, IBM and NEC.
