



Erwin Utilities, TN Professional water loss reduction

Correlux C-3 & HL 7000-US-PRO + H₂ tracer gas sensor Advanced and efficient leak locating

Description

In June 2019, Erwin Utilities purchased the latest SebaKMT leak detection equipment. They began using the equipment and have located and repaired 39 water main breaks since that time. The utility's AWWA M36 water audits show that real losses added up to 135.691 MG in FY19, just prior to the implementation of SebaKMT leak detection equipment.

In FY20, the utility was able to reduce real water losses to 79.333 MG, a savings of 56.361 MG for the Fiscal Year.

According to the water audit which uses variable production costs, the utility achieved savings of \$36,558 using SebaKMT's state of the art leak detection gear to reduce real losses.

Erwin Utilities is in the process of implementing an Automated Meter Infrastructure (AMI) system with a SebaKMT fixed base leak detection system (Leak Spy).

The remote monitoring acoustic system will help the utility to reduce real water losses further with less manpower. Jim Divido with SebaKMT trained the utility personnel and located 5 main line leaks during the demonstration and training period. The customer service, training and personal attention that SebaKMT has provided to help Erwin Utilities improve their water loss reduction program has been second to none.

Project

Leak detection and repair work throughout the city

Equipment

C-3 Correlator with Pam Hydro 3 Hydrophones,
HL 50 Bluetooth and HL 7000-US-PRO set with H₂ sensor

Customer

Erwin Utilities

