sebaKMT
by Megger®

Australia's first permanent leak detection network

Sebalog N-3
Correlating network noise loggers

Description

Monitoring of trunk mains in remote areas can be very expensive, due to the amount of time that is needed to access the site before leak inspection can begin. Furthermore, the large diameters of trunk mains represent a problem for many conventional acoustic leak detection systems. Despite these challenges it is important to closely monitor trunk mains, as leaks on such pipes can lead to great water losses, and in the worst case, to pipe bursts. SebaKMT's fixed network of correlating noise loggers enables both the remote monitoring of trunk mains and the exact location of leaks, even on large diameter pipes.

» Remote leak monitoring and pinpointing
» Transmission of acoustic recordings for correlation
» Advanced web-based evaluation software
» Adaptable to existing SCADA systems
» Cascading repeater functionality

Within the first months of the installation for Wingecarribee Shire Council several leaks were identified by the N3 system and later verified in the field, saving the community a lot of water, and a lot of money.

Project
14 km trunkline monitoring with a fixed network of correlating noise loggers.

Period
Started December 2013

Customer
Wingecarribee Shire Council, Australia

WINGECARRIBEE SHIRE COUNCIL