



“We were very impressed that the **Sebalog HydroCorr** enabled us to **locate the leak** despite the **very low pressure** and **large pipe diameter**. ”

Martin Grupp, Site Manager,
Zweckverband Landeswasserversorgung

Sebalog HydroCorr Correlating noise loggers with hydrophone sensors

Description

In mid-November, flow measurements by the regional water supplier in Stuttgart revealed the likelihood of a major leak in a DN 900 grey cast iron water main. Pressure measurements were carried out along the pipeline and the location of the suspected leak was narrowed down to a section of approximately 250 metres. To find the exact position of the leak, a Sebalog HydroCorr system was used, consisting of correlating noise loggers with hydrophone sensors.

Although the pressure in the pipe was only around 1.5 bar, it was possible to carry out a successful measurement and receive a definite correlation result. The following pipe excavation confirmed the correlated leak location, revealing a 5 metre-long crack in the bottom of the pipe.

Project

Leak location in a DN 900 grey cast iron water main

Quantity

1 Sebalog HydroCorr set

Period

November 2013

Customer

Zweckverband Landeswasserversorgung, Stuttgart

