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

**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

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