



Leakages **detected** with minimal expense using the **starter set**

Sebalog N-3 & Sebalog Corr Noise level logger starter set and multi-correlator

Description

While searching for drinking water losses of 20.4 m³/day in the upper section of the town of Wächtersbach/Hessen, the powerful duo Sebalog N-3 (noise level logger) and Sebalog Corr (multi-correlator) turned out to be a real stroke of luck.

The noise level loggers as well as the multi-correlators were planted in the zone on valves in the drinking water pipeline for the purposes of measurement so the data recorded could be analysed the following day. By using these devices, approx. 3 km of the pipe network was able to be checked with one measurement.

Using the analysed data, the leakage was able to be clearly isolated to one pipe section. Using the correlation function of the Sebalog Corr sensors, the leak was able to be measured and located with precision.

Project

200 days of increased water consumption of 20.4 m³/day 850 l/h (that corresponds to a water loss of 4,080 m³ in this period)

Quantity

8 Sebalog N-3 units, 3 Sebalog Corr units

Time period

2013 – brief use

Customer

Public utility company Wächtersbach

