

AQUALOGY USES THE IDROLOC SYSTEM IN COLORADO (USA)

Aqualogy Environment has used its iDroloc system to detect leaks in one of the pipes of the drinking water distribution company Pagosa Area Water and Sanitation District (PAWSD), which operates in Pagosa Springs, a town in Archuleta County, in the state of Colorado (USA).

This pipe has a length of some 480 km and a diameter of 15 to 25 cm.

PAWSD, whose service area consists of 122 km² and which supplies a population of around 5,000 people, has the mission of distributing drinking water while respecting the environment and promoting values related to water saving.

iDroloc, developed by Aqualogy, allows the location of leaks in big pipes where conventional acoustic methods cannot be used. It is therefore a more precise and effective alternative. The system is suitable for any diameter of tube and material, and also for any kind of pressure condition. For example, it can be used while in full service without stopping the supply, out of service, in empty or even disconnected tubes.

iDroloc offers better performance than the traditional acoustic leak detection systems, and is especially suitable to assess the state of the tube joints, as it is capable of working with very low concentrations of helium.

Its completely automated operation and its portability allow high tube length inspection rates per operator/day.

Aqualogy Environment is specialized in offering water and environment engineering and management solutions, from hydrological planning to integrated pollution prevention and control.



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