

Case Study

Locating Leaks on AC Pipe

Bellwood, PA

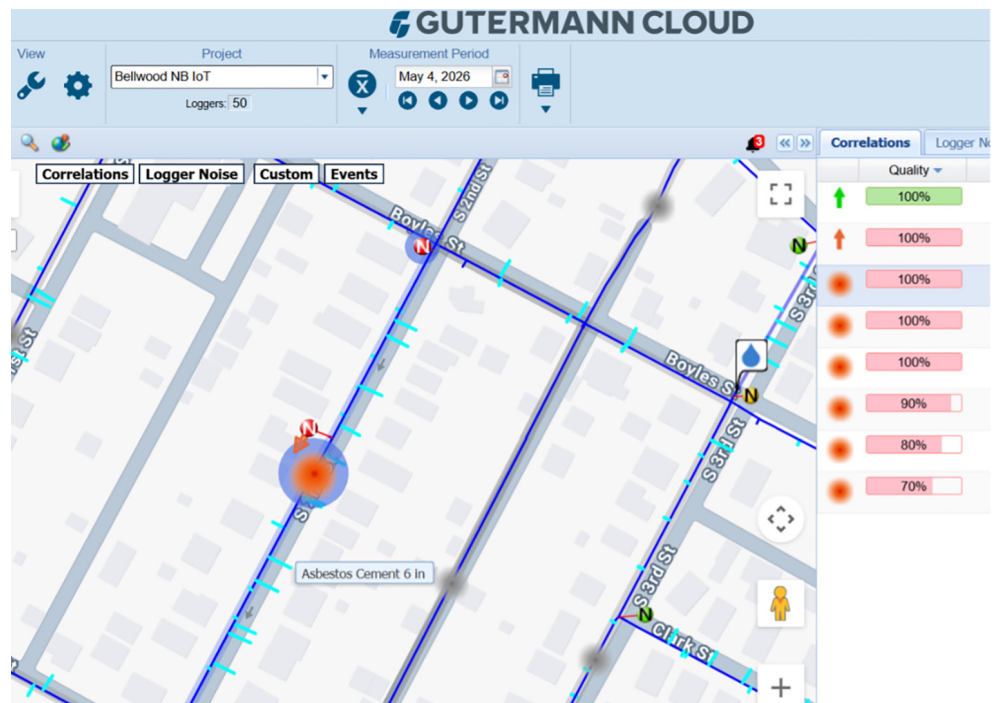
During the early morning hours of April 30, 2026, the Bellwood water team observed an increase in leak scores from several Zonescan AI leak detection loggers installed throughout their system. After monitoring the trend for a few days and confirming recurring data indicating a potential leak, the team decided to conduct a field investigation.

ZONESCAN AI
Correlating NB-IoT Leak Noise Logger
with Artificial Intelligence



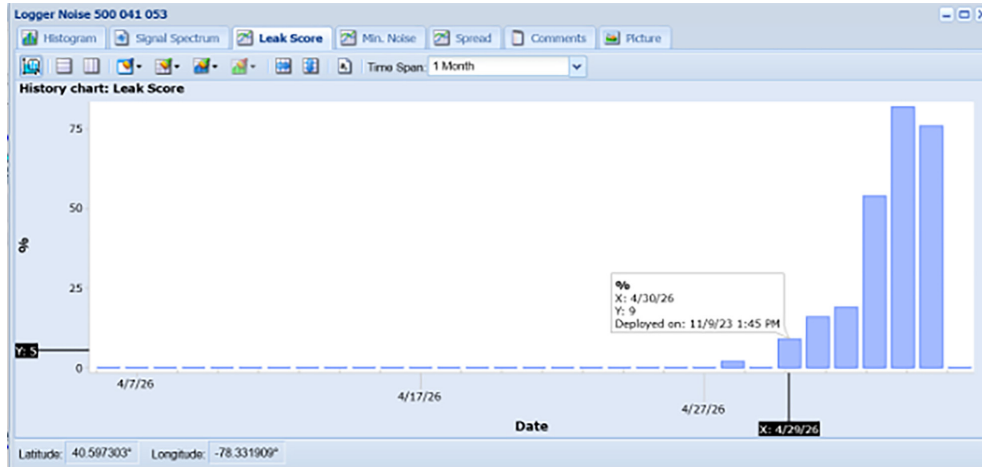
Data from the Gutermann Cloud platform not only showed steadily increasing leak score values, but also revealed strong, high-quality correlations between multiple loggers. The system quickly identified a very difficult leak with 100% correlation quality. The leak was on a 700' long 6" section of asbestos cement pipe.

Using this information, the Bellwood water team was able to accurately pinpoint the leak location in the field. The issue was successfully repaired during normal working hours, minimizing disruption and water loss.



Showing deployed loggers with 100% correlation.

Showing historical leak score data. This shows when the leak occurred and the consistent daily increase in leak score, indicating a potential leak. The leak was repaired on May 5, 2026, and May 6, 2026, showing that the leak has been repaired.



Showing the Correlation report providing distance to the leak location from Logger 1 & 2.

ZONESCAN NET Correlation Report

Bellwood NB IoT May 4, 2026 (Report created on May 5, 2026, 12:14:43 PM)

Correlation: 500041021 - 500041051

Quality	Location	Logger 1	Logger 2	Dist. L1	Dist. L2	Center Dist.	Pipe Len.	Comments
100.0	324 S 2nd St, 40.597148° -78.331889°	500041021	500041051	320.8 ft	375.1 ft	-27.2 ft	695.9 ft	

Learn about more success stories with Team EJP's Smart Utility Professionals and Gutermann by visiting our website or discussing solutions with our professionals.