

Case Study

Reducing Water Loss and Operating Costs with Zonescan

Salamanca, NY

Team SUP worked with the city of Salamanca, NY, on upgrading its water systems by integrating Zonescan AI. After implementing the new technology, Salamanca reviewed the findings, repaired leaks, and found savings almost immediately.

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



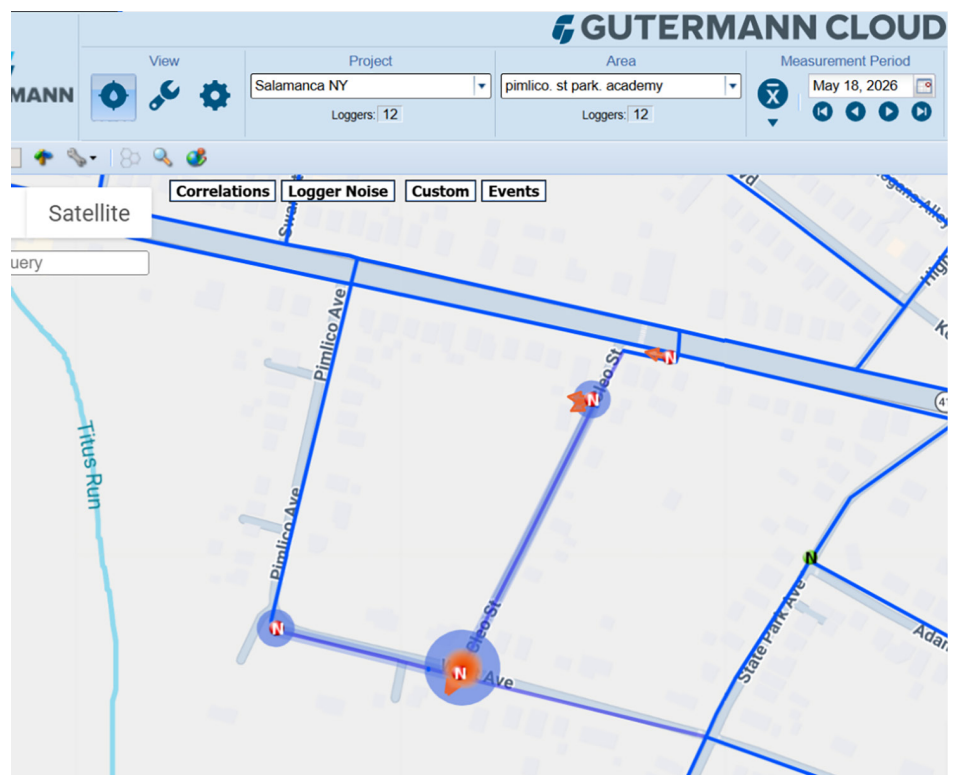
After implementing Zonescan for approximately two months, Salamanca found that it had already helped save an estimated \$21,954.88. In addition, the leak repair that was recently completed is expected to generate approximately \$240 per day in additional savings moving forward. These results continue to highlight the value of proactive leak detection and rapid response in reducing water loss and operating costs.

Below is an example of one of their unknown leaks that was discovered with the equipment. Showing deployed loggers with very strong correlation.

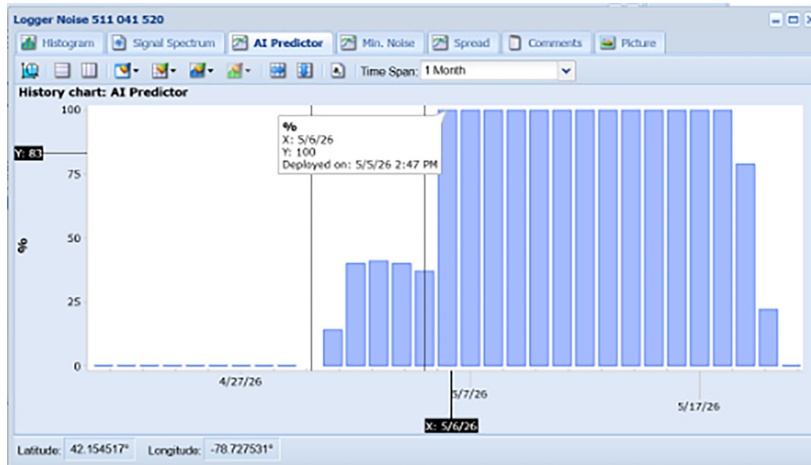


Right where it said. That was with it almost completely off.

It has already paid for itself



Showing historical leak score data. This displays when the leak occurred and the consistent daily increase in leak score, indicating a potential leak. This also reports the sudden drop in leak score after the repair, revealing that the leak was successfully repaired and no other leaks are present.



Pictured below is the area where the crew later set up and validated the accuracy of the correlations against the actual leak repair.



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