

CASE STUDY

Type – Residential

Leak – Leak on domestic water mains supply

Customer - Mr Phillip H

Location - Derbyshire

History

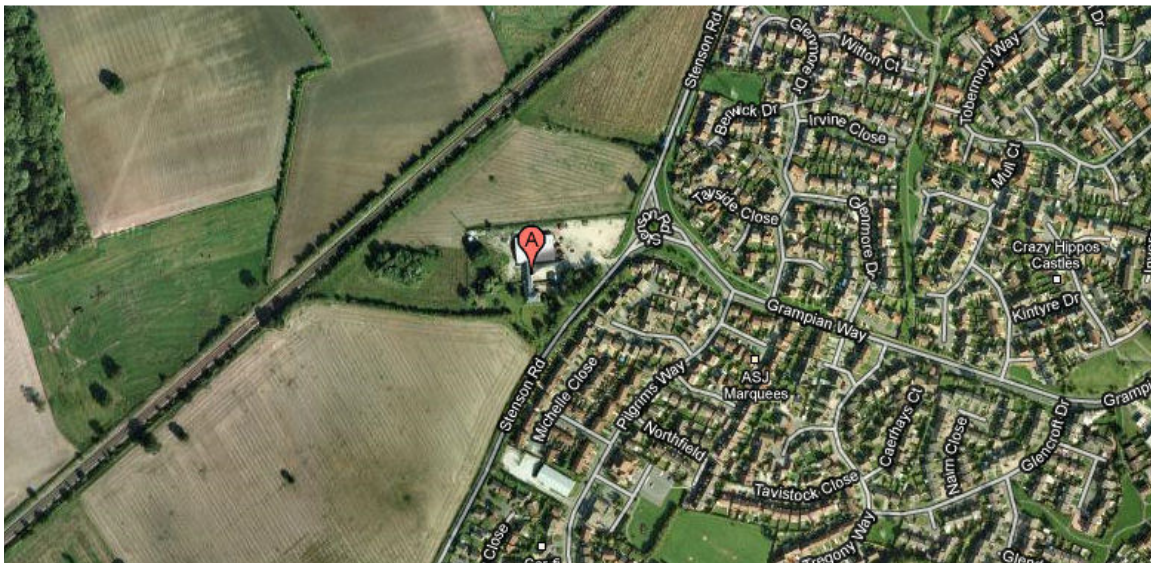
Customer lives on a farm, there potable water supply travels for over 1 mile. The pipe is buried underground and its route is unknown, it travels through a field, under a road and over a railway line, and the pipe is buried in concrete within the bridge over the railway line.

The leak has been on-going for over 2 years.

Insurance & Wasted money

The leakage of potable costs the customer an extra £244 per month in leaked water. Customer has had many leak detection specialists looking for the leak – there insurance company used Homeserve that spent a week digging holes looking for the leak, they were not able to locate the leak.

All the insurance money allocated to finding the leak was used up, so the customer had to pay Leakbusters leak detection directly themselves.



Our Strategy

We carried out an initial visual survey in order to understand the environment & where the water main may be located.

- Son**-Find Survey™ - we trace and locate the pipe location & depth
- Soundfind**© Acoustic survey™ - we use military acoustic devices to hear the leak
- ZECT**® Leak Tracer Agent™ - we inject **ZECT**® Leak Tracer Agent in to the pipe, we then trace the **ZECT**® Leak Tracer Agent where it escapes

Result

When we were sure we had tracked the correct location of the buried water main, we injected **ZECT**® Leak Tracer Agent™ in to the pipe. **ZECT**® will leave the pipe at the point of leakage and then travel up through the ground where it can be traced, in this instance the leak was found inside the bridge, the pipe was buried in solid concrete.