

# Leak Detection

## Commercial Case Study

Client – English Welsh Scottish Railways Plc



**Objective** – Our client had no water due to a leak (or leaks) on there incoming water supply to a large track depot. The mains water supply traveled approx a 1000 meters from the mains isolation valve along operating tracks to the various depots on site.

**Our Response** – We were able to attend same day, carry out a risk assessment and site survey. We correlated the mains supply and identified a potential leak within an hour of being on site. Although there were no visible signs of water leakage, we carried out chemical analysis of the water in the soil and found large amount of chlorine which indicated that 'potable water was present in large amounts. The spot was excavated and the leak was identified as a defective joint on a 32mm blue HDPE poly main, this was quickly repaired. After the repair, the pipe was purged and all connections checked.

***“ Excellent Service ”***  
English Welsh Scottish Railways Plc

