

Monitoring of a borehole to detect potential fuel contamination

Sector: Borehole Monitoring

Application: Monitoring a borehole after a diesel spill to ensure the aquifer is not contaminated

Customer: Water Company, England

Installation date: 2017

Problem: The water company used a diesel power pump and this led to a spill in the ground. The company wants to ensure that the area has been properly isolated.

Product

MS1200-01-SYS – Standard version, 4-20mA and relay output

Installation Facts

After the spill, the area was isolated with a barrier and the water company wanted to be sure that no diesel had reached the aquifer. A few months after the installation, the system started to give high readings of VOCs, however, no diesel was found. After extensive research, two specific solvents were identified in the aquifer. An investigation is currently underway to find the source of the contamination. The water from this aquifer is no longer used to supply the water plant and the company has avoided sending contaminated water into its network



A picture of the unit installed in an outbuilding next to the borehole.