

# UK Project with a Geotechnical Value of up to £1M

### Winner: Cowi UK – Provost Driver Court

Repair of ground settlement damage at a Scottish Water foul sewer pumping stations led consultant Cowi to develop a resin injection solution to relevel the building and seal off redundant pipework, with groundwater extraction used to densify the ground.

The consultant worked with main contractor Morrison, groundwater specialist WJ Groundwater and ground stabilisation contractor Uretex to carry out the work. With the pumping station located at the end of a residential cul de sac, the groundwater control had to be designed to minimise the risk of ground movement to neighbouring properties and prevent further damage to the facility itself. The residential location also had to be central to the design of the remediation work to reduce the impact on the site's neighbours.

"The winner devised an innovative solution to a geotechnical problem," said the judges. The team demonstrated well how the geotechnical risks were fully understood and managed throughout the project, which impressed the judges. There was also a high level of stakeholder management, especially with local residents.

**"The winner devised an innovative solution to a geotechnical problem"**



● This award category celebrates ground engineering schemes with a geotechnical contract value of up to £1M. Each of the finalists was asked to demonstrate innovative design, value engineering, involvement with project stakeholders and the local community, and efficient delivery. The judges for this award also expect entrants to provide evidence of exceptional measures that were taken to ensure the project was delivered above the expected standard.

### Finalists

- **Network Rail** Tebay Emergency
- **Pell Frischmann** Manningtree Station Lifts
- **Senceive** Pudding Mill Lane trackbed monitoring
- **United Utilities, Amey, Donegan Civil Engineering and Manchester City Council** Mancunian Way sewer collapse and remediation
- **Walsh and CGL** 5 Miles Street, London