

CULVERT & GULLY SENSORS

THE PROBLEM

A number of properties at Whiston Lane in Knowsley have been subject to internal flooding during periods of intense/prolonged rainfall.

This has been a problem for some years and without changes this was set to continue costing potentially thousands & thousands. Also, the emotional turmoil the resident's were enduring each time it rained needed to be addressed.



THE APPROACH

A new land drainage system has recently been installed alongside extensive re-modelling/landscaping work which will help to prevent the potential reoccurrence of a flooding incident.

We were keen to add extra resilience and saw the installation of gully sensors as an effective way of complimenting the works previously completed.

THE RESULT

The sensors proved invaluable during the recent spell of wet weather as we were able to continuously remotely monitor the water levels in the culvert and gullies. Using the remote intelligence, we were able to instruct proactive gully cleansing at the optimum time during the wet weather period and also visited the site to reassure residents and provide floodsax. As an additional precaution the sensors are linked to Tarmac's out of hours emergency response system and are set to send an alert to the Duty Manager should water levels rise to a critical level.

