

Hydrology and Hydraulic Modelling Flood Extents

What were the results?

The hydraulic model for Naas indicates that there is a relatively low risk of river flooding in the catchment, which tends to agree with the limited observations of historical flooding in Naas.

However, there are some areas predicted to be at risk of flooding in the 1 in 100-year storm. These are Millbrook Villas and Sunday's Well, parts of Blessington Road and Elmwood near to the An Post Depot, Ashgrove Avenue, Monread Avenue, and Roselawn.

The flooding predicted by the model in these locations is caused by raised water levels in the Naas Stream and overloading of the main trunk culvert along Monread Avenue in the 1 in 100-year storm.

Figure: 1 in 100 Year Flood Extents

