

**RAMELTON**  
FLOOD RELIEF SCHEME



**Comhairle Contae  
Dhún na nGall**  
Donegal County Council



Tionscadal Éireann  
Project Ireland  
**2040**

**OPW** Oifig na  
nOibreacha Poiblí  
Office of Public Works

# Ramelton Flood Relief Scheme



## Newsletter February 2023

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## Latest Overview

This is the sixth newsletter for the Ramelton Flood Relief Scheme. The main activities carried out since the previous newsletter include hydraulic modelling, technical hydraulic workshop, issue of the draft hydrology report and continuation of the hydrometric survey.

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# Survey Works (Coastal - Hydrometric Survey)

To date, the project team have received eight sets of hydrometric survey data from gauges recording tidal levels around Lough Swilly covering the period of May 2022 to January 2023.

The final set of survey deliverables is due to be received by the end of February 2023, and this will conclude the survey. This data will be key to understanding coastal flood risk in Ramelton.



*Location of the Lough Swilly Gauges*

# Environmental Activities

## Specialist Surveys

The specialist baseline environmental surveys for the Ramelton Flood Relief Scheme are underway:

- The Aquatic Ecology Surveys have been completed.
- The Bat Surveys have been completed.
- The Tree Surveys have been completed. An interesting find from the survey is included below.



*European Beech Trees located along the Newmill Watercourse in Ramelton.*

Other specialist surveys will follow in due course when flood defence measures are better defined.

## Nature Based Solutions to Catchment Management (Nbs-CM)

The project team are finalising the assessment of the potential for (Nbs-CM) in the Ramelton river catchments to alleviate flood risk. Mapping of the catchments has been completed. A full feasibility report is under final review before issue to the steering group.

# Hydrological Analysis & Hydraulic Modelling

The development of the hydraulic model is ongoing. The project team held a technical workshop with members of the steering group on 30/11/2022 to discuss model progress to date. Topics described during the workshop are outlined below.

- Background Information
- Model Build (1d/2d)
- Calibration/Verification
- Model Outputs

The project team are currently addressing feedback from the technical workshop. The final baseline model runs will be completed once the final set of survey deliverables from the hydrometric survey have been received and reviewed in full (expected by the end of February 2023).



*The Leannan River, looking upstream towards  
Ramelton Bridge.*

## What's Next?

Over the next few months, the Project Team will be working on:

- ➔ Continuation of Environmental Specialists Surveys.
- ➔ Continuation of Hydraulic Modelling.
- ➔ Tidal water level data collection for coastal flood risk assessment
- ➔ Complete the Nature Based Solutions to Catchment Management s reporting.
- ➔ Commence drafting Environmental Impact Assessment Screening.
- ➔ Commence drafting Appropriate Assessment Screening for Natura Impact Statement
- ➔ Hydrogeomorphology Assessment



## Contact Us

If you would like to contact our Project Team about any matter relating to the Ramelton Flood Relief Scheme you can do so through the following:

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If you would like any further information on the Scheme including programme, please visit our website:

[www.floodinfo.ie/frs/en/ramelton/home/](http://www.floodinfo.ie/frs/en/ramelton/home/)