

**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 2025

### IN THIS ISSUE

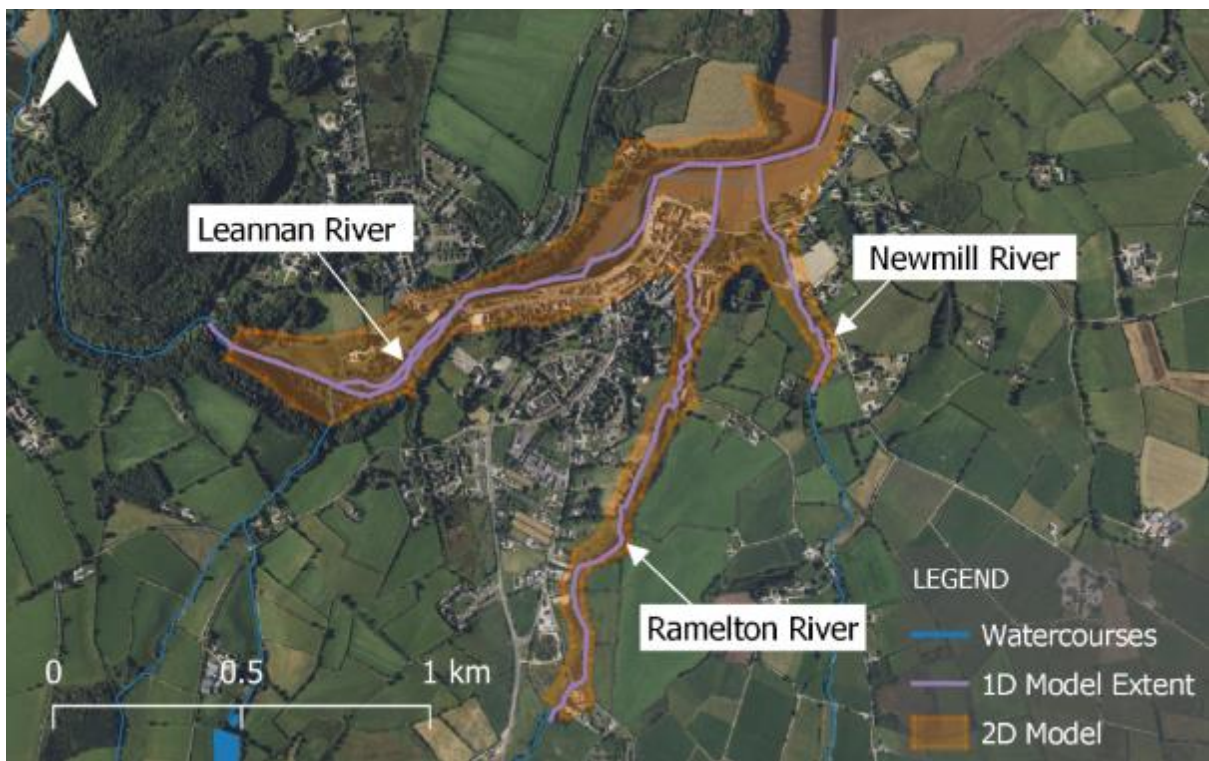
## Latest Overview

This is the twelfth newsletter for the Ramelton Flood Relief Scheme. The main activities carried out since the previous newsletter include optioneering and environmental activities.

<b>Hydraulic Modelling &amp; Ground Investigation</b>	<b>Page 2</b>
<b>Optioneering</b>	<b>Page 3</b>
<b>Environmental Activities</b>	<b>Page 4</b>
<b>What's Next?</b>	<b>Page 5</b>

# Hydraulic Modelling

The hydraulic modelling assessment has been completed with the draft Hydraulic Report and has been reviewed by the client. Ayesa is progressing with updating the hydraulics report to final status which will feed further into the options appraisal for the scheme to determine the preferred scheme.



Ramelton Hydraulic Model Build Extent

# Ground Investigations

The project team have refined the Ground Investigation (GI) scope and procurement documents. An Archaeological Impact Assessment (AIA) and Appropriate Assessment (AA) screening will be prepared and conducted by specialists to mitigate potential negative effects from the investigations on their surrounding environs. Once the AIA and AA screening assessments are finalised the reports will be included in the Ground Investigation tender pack for information.

The contract scope includes trial pits, slit trenches, cable percussion boreholes and rotary coring and will be reviewed by Donegal County Council and the Office of Public Works before advertising to the market.



# Optioneering

The project team are preparing a preliminary option report for Ramelton. Potentially viable measures have been screened for each river channel and coastal protection. These measures are undergoing assessment for suitability via modelling in order to provide protection for each flood cell to generate scheme options.

A damage assessment has been undertaken to further identify inundated areas, flood depths, and damages to roads and buildings during flood events.

Results from Hydraulic Modelling and NbS mappings have been included and update throughout the progress of the options report. Assessment will be brought to an advanced stage, and further meetings will then be arranged with the public to discuss the viable measures and emerging option.

The project team have developed reports and assessments for conservation and suitability of Ramelton Quay which will be incorporated within the scheme options.



Ramelton Quay

# Environmental Activities

An Invasive species survey contract concluded in 2024. The project team have developed a survey tracker document including windows required for survey season. On-site surveys are ongoing to view the IAS treatment processes of Japanese Knotweed and Himalayan Balsam. The project team will develop another IAS treatment contract when required.

## Nature-based Solutions (NbS)

Nature-based Solutions formerly known as Natural Water Retention Measures are “solutions that are inspired and supported by nature, which are cost effective, simultaneously provide environmental, social and economic benefits and help build resilience” (European Commission, 2023).

Raw catchment mapping has been updated, and a report is being updated as a feasibility assessment of implementing specific types of Nature-based Solutions (NbS) to reduce flood risk within the scheme area.

Examples of specific NbS include:

- Catchment/ Floodplain/ Riparian Woodlands
- Non-floodplain wetlands
- Overland sediment traps
- Riverbank restoration
- Natural instream structures

Viable measure will proceed to further analysis and potential integration into the final scheme design.

## What's Next?

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

- Optioneering Assessment and Development.
- Conservation Assessment for Quay Walls
- Hydraulic Modelling of Flood Relief Options.
- Hydraulic Workshop
- Ground Investigation Contract.



## 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/)