

**BUNCRANA**  
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

## Buncrana-Luddan Flood Relief Scheme



## Newsletter July 2024

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## Latest Overview

This is the tenth newsletter for the Buncrana-Luddan Flood Relief Scheme. The main activities carried out since the previous newsletter include environmental activities, completion of the revised hydrology report, and hydraulic modelling.

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# Hydrological Analysis & Hydraulic Modelling

The draft hydrology report is being revised following the client review process. The project team have completed hydraulic modelling calibration runs. Models for Crana, Buncrana, Mill and Ballymacarry rivers have been completed and have undergone an internal review process. Minor modifications are being made to the models and final model runs have commenced.

Current and climate change runs have been completed for Luddan for both rainfall and coastal dominant scenarios.

The hydraulics report is being updated with the completion and reviews of scenario runs.



Crana River

# Environmental Activities

## Specialist Surveys

The specialist baseline environmental surveys for the Buncrana Flood Relief Scheme are completed for now. Further surveys will be undertaken when the possible flood defence measures have been identified.

Ayesa have identified required ecology top-up surveys to align with planning requirements and are scheduled for Summer 2025, these include:

- Bats Survey
- Otter Survey
- Breeding Bird Survey

## Nature-based Solutions

The project team have compiled a feasibility study and report that is required for Nature-based Solutions (NbS) that provide opportunities for water retention.

Mapping for the potential of NbS for the Study Area has been completed to assess runoff reduction, floodplain storage and sediment management for the catchments draining to the scheme area. The draft report has been completed and will be finalised once options have been assessed.

## What's Next?

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

- ➔ Completion of Hydraulic Modelling activities
- ➔ Revision to the Hydrological Reporting
- ➔ Continuation of Hydraulics Reporting.



## Contact Us

If you would like to contact our Project Team about any matter relating to the Buncrana 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/buncrana/home/](http://www.floodinfo.ie/frs/en/buncrana/home/)