

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 September 2023

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Latest Overview

This is the eighth 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 has been revised to address the latest modelling results and output from the Technical Hydraulics Workshop. The draft hydrology report has been issued to the client. The project team are progressing the hydraulic modelling and are incorporating the updated hydrology.



*Crana River looking upstream towards
Tullyarvan Gauge Station*

Environmental Activities

Specialist Surveys

The specialist baseline environmental surveys for the Buncrana Flood Relief Scheme have been completed and the Wintering Birds Survey Report has been prepared.

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

Invasive Species Treatment Contract

The IAS Treatment for the Buncrana Flood Relief Scheme was carried out in July 2023 and is now complete for 2023. This includes Himalayan Balsam and Japanese Knotweed.

Natural Water Retention Measures (NWRM)

The project team are continuing to work on the assessment of the potential for NWRM in the Buncrana river catchments to alleviate flood risk. The feasibility report is currently being prepared.

Hydromorphology

Hydromorphology looks at how natural and human activity influences the hydrology and geomorphology of water bodies and the ecosystems that they support. The hydromorphology baseline survey for the Buncrana FRS will get underway in the autumn.

What's Next?

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

- Completion of Hydraulic Modelling including baseline scenarios and sensitivity testing.
- Continuation of assessment of potential for Natural Water Retention Measures (NWRM)
- Continuation of Environmental Specialists Surveys for the next survey period.
- Continue drafting the Environmental Impact Assessment Screening and Scoping Reports once scheme parameters and emerging options are finalised.
- Hydromorphology Survey



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/