# Newsletter

Limerick City & Environs Flood Relief Scheme











## **Newsletter Limerick City & Environs Flood Relief Scheme**



# What stage is the project at?

The Limerick City & Environs Flood Relief Scheme (LFRS) is currently at Stage 1 of the project. This stage is where potential flood defence designs are identified and considered, to develop the best flood defence options for the area.

Since the last newsletter, the project team has continued with the hydraulic analysis of the scheme area, with a focus on evaluating critical design water levels. This will identify flood mechanisms and extents and will also inform the flood defence options for the scheme.

## **Current Progress**

The project team has continued to progress the hydraulic modelling for the scheme. The model is currently undergoing calibration by utilising available historic flood information. The finalisation of water levels for design flood events and the associated flooding mechanisms and flood extents is currently being assessed. The output from the hydraulic model in its current state will be used to develop the initial suite of possible flood defence options for the scheme. Initial consideration of options to address flooding is ongoing. A key element of this consideration is an ongoing detailed technical evaluation of the existing flood defence embankments.

The optioneering process for the scheme will include technical analysis to identify the most appropriate solution for the management of flooding. In addition, adaptation requirements to account for implications of climate change will also be considered. Identified viable options will be presented at the next Public Consultation Day for the project.

Various engineering and environmental surveys have been undertaken to inform the scheme design and evaluation. These include detailed ecological surveys and invasive species treatment, visual inspection of culverts and extensive topographical surveys. The data from an extensive geotechnical investigation contract completed earlier this year is being analysed. Further environmental and ground investigations are currently being procured to assist with the design and assessment of defence options. These surveys and investigations are anticipated to commence early/mid 2024.

# **Public Consultation Day 2**

A second Public Consultation Day is scheduled occur later in 2024. The aim of this event will be to inform the public and stakeholders of the progress made since the project began and to outline and present the suite of potential flood relief options that have been developed to alleviate flooding within the Limerick City & Environs Scheme Area.







### **Additional Information & Contact Details**

Additional information in relation to the overall progress, current news items and project reports can be found on the Limerick City & Environs Flood Relief Scheme project website.

The project team can be reached at the Limerick City & Environs FRS email address.



Tel: 021 466 5900

#### Postal Address:

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Limerick City & Environs Flood Relief Scheme – Project Manager RPS Consulting Engineers Innishmore, Ballincollig, Co. Cork P31 KR68



Email: <a href="mailto:limerickfrs@rpsgroup.com">limerickfrs@rpsgroup.com</a>

Website: www.floodinfo.ie/limerickfrs

# **Next Steps:**

## **Geotechnical Investigations:**

RPS are working with Limerick City & County Council (LCCC) to procure contractors to carry out the geotechnical investigations throughout the scheme area. It is envisaged that the contracts will be awarded in early 2024 with the ground investigation works expected to commence shortly thereafter.

## **Options Development:**

The identification and assessment of viable options will progress during the first half of 2024. A technical multi-criteria analysis together with feedback from Public Consultation will be used to develop a preferred flood defence option and progress the scheme design.

## **Environmental:**

Detailed ecological surveys are scheduled to take place in 2024. These surveys include:

- Terrestrial habitats & Flora,
- Mammals and Bats,
- Amphibian and Reptile,
- Freshwater and estuarine ecology.

These surveys will inform the assessment of the flood defence options and the survey results will be assessed to inform the preferred scheme option and the identification of appropriate

mitigation measures to address any environmental risks. These measures will be presented as part of a planning application for the Scheme.

Ecological specialists MKO and JKI will continue to progress Bird surveys and Invasive Species Treatment respectively throughout 2024.

## Stakeholder Engagement

Engagement with stakeholders and the public is an ongoing process.

Key local and statutory stakeholders have been communicated with as part of the initial Public Consultation. Further communications will take place as scheme options are developed.

Input from the public and other stakeholders is welcomed by the project team at any time during the project. All feedback / input should be submitted by email, post, or phone to the RPS project team using the contact details noted above. These inputs will be reported to the LCCC and OPW Steering Group for consideration as part of the scheme development.

## **Programme:**

Limerick City & Environs Flood Relief Scheme - Programme	202	1	2022				2023			2024				2025			2026				2027				2028				2029			2030				2031				2032			
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Stage I: Options Assessment, Scheme Development & Design																																											
Stage II: Planning / Development Consent Process																																											
Stage III: Work Packages & Tenders for Contracts																																											
Stage IV: Construction																																											
Stage V: Handover Works																																											









