

# Briefing Note

## Leitrim Village Flood Relief Scheme



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*River Shannon, west of Leitrim Village during a site walkover in December 2021.*

## Investigations & Surveys

### Site Investigation

IGSL Ltd. have completed site works and a factual report and associated data was received and reviewed. Final groundwater monitoring data was collected in July 2024.

### Topographical Survey

McDonald Surveys (MCDS) Ltd. have completed all required surveys.

### Hydrological and Hydraulic Analysis

Work on scheme hydrology and the hydraulic model of the River Shannon, Ballinamore and Ballyconnell Canal and local tributaries is complete. A combined Hydrology and Hydraulics workshop has been undertaken. Hydrology and Hydraulic Modelling Reports have been updated based on comments received from LCC/OPW. Additional hydraulic modelling work has been undertaken to investigate the impacts of climate change.

### Stakeholder Engagement/ Public Consultation

The opening public consultation process took place in May/ June 2021. The responses from this are included in the Constraints Study Report, which is available for the public to view on the project website.

A second Public Consultation event is upcoming. Further details on a date and venue will be made available in the coming months on the project website. Information packs will be distributed in the local area in advance of the event.

### Health & Safety

Risk assessments are ongoing.

## Communications/ Website

Information on the progress of works associated with the Leitrim Village Flood Relief Scheme has been added to the scheme webpage. The website is being updated on a regular basis and can be found at: [www.leitrim.ie/council/services/flood-management/leitrim-village-flood-relief-scheme/](http://www.leitrim.ie/council/services/flood-management/leitrim-village-flood-relief-scheme/)

## Environmental/ Archaeological Tasks

Initial habitat and species surveys were completed and information gathered from these was included in the Constraints Study Report.

Wintering birds surveys, breeding birds surveys, habitat, botanical, invasive species, terrestrial mammals (non-volant), bat surveys, baseline aquatic (macrophytes, invertebrates) surveys and electrofishing surveys were completed. All reporting and mapping from these surveys are complete. Repeat wintering birds surveys were undertaken during Winter 2023 and repeat aquatic surveys were undertaken in May 2024. Reporting for these surveys is ongoing.

## Options Assessment

Options assessment tasks are ongoing with considerations given to Nature Based Solutions, Flood Storage, Conveyance Improvements, Flow Diversion and Flood Protection measures. The impact of potential schemes on downstream flood risk and environmental risk was assessed, with additional hydrological and hydraulic assessments undertaken as part of the Carrick on Shannon FRS. An emerging preferred scheme for Leitrim Village is being developed.

Damages and Benefits assessments are progressing with additional hydraulic modelling undertaken to inform updated methodology for benefit calculation.

Progress on the options assessment report has commenced, with key information from the Carrick on Shannon FRS options assessment.

## Work Activities Planned for Next Period

Damages and benefits assessments to be submitted for review. Cost estimates for options to be progressed. Progress the options assessment report.

## Key Upcoming Milestones

Finalise the Hydraulic Modelling report. Close out reporting for repeat environmental surveys.

## Key Issues & Other Matters

The Project Team are progressing the works on Leitrim Village Flood Relief Scheme.