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Oibreacha Poiblí
Office of Public Works



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Tionscadal Éireann
Project Ireland
2040



Cavan Town Flood Relief Scheme



Newsletter 07
May 2024

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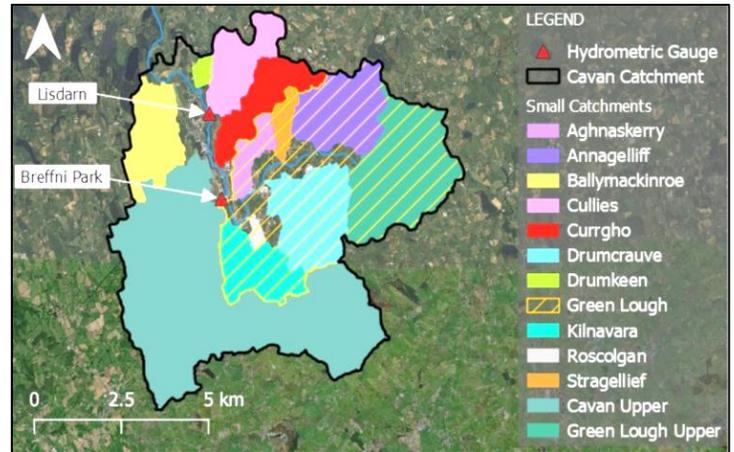
Surveys

The project team have refined the Ground Investigation (GI) scope and procurement documents. An Archaeological Impact Assessment (AIA) and Appropriate Assessment (AA) screening are currently being 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 GI contract includes twenty cable percussion boreholes with rotary coring to bedrock depths and one slit trench to locate pipework near the Liberty Insurance Offices in Cavan Town. Borehole positions have mostly been located to areas of proposed flood defence measures for the scheme. See map below. Exact positions will be verified on-site once a contractor is appointed.

Hydrology

The draft hydrology report has been completed for the Scheme and submitted to the Client for review in March 2024. The report details the analysis completed to define how the flows in the rivers within the scheme area respond during flooding events to highlight areas where flood protection is required. A map of the catchments is shown below.



Hydraulic Modelling

The team have issued Arcadis (hydraulic modelling Consultant) with the draft hydrology report with accompanying data and this information is being inputted into the hydraulic model.

The model is being built for the Cavan River and its tributaries. Once complete, Arcadis will run several flood scenario events to distinguish flood events and severity, including climate change adaptation runs to evaluate the height of proposed defences for future protection with increasing water levels.

Once the model runs are completed, the team can assess advanced works for the scheme design.

Environmental Work

Envirico are to return to the scheme area to conduct another round of Invasive and Alien Species (IAS) treatment in May 2024. The next treatment after that is scheduled for October 2024.

Wintering Birds and Otter Surveys have been completed. Breeding Birds surveys are ongoing. The team are preparing the following scopes for approval to be completed over the summer:

- Air Quality and Climate
- Noise and Vibration
- Cultural Heritage
- Landscape and Visual

Tobin Consultancy have been granted a license by National Parks and Wildlife Service (NPWS) to conduct a White Claw Crayfish survey. An application for a license to carry out electrofishing with an accompanied AA Screening Report was lodged with Inland Fisheries in April 2024.

Stakeholder Engagement

It is anticipated that a Collaborative Workshop will be held later in 2024. A number of public stakeholder bodies will be engaged to collaborate, do brainstorming, and exchange ideas on how to achieve the project objective while also incorporating other outcomes at the same time into this project.

Some Stakeholders were identified and engaged with during late 2023 with regards to Nature-based Solutions for Catchment Management for the Cavan Town Flood Relief Scheme. These stakeholders will also be invited to the Collaborative Workshop.

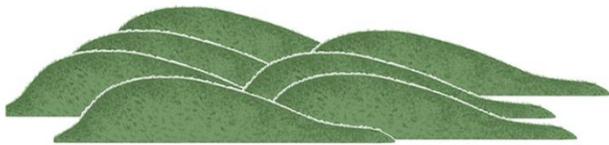


What's Next?

Most of the current project activities will continue over the next few months, including, but not only:

- Specialist Environmental Surveys continue.
- Progress Hydraulic Modelling.
- Collaborative Workshop.
- Ground Investigation Tender and Appointment.

CAVAN TOWN FLOOD RELIEF SCHEME



Contact Us

If you would like to contact our Project Team about any matter relating to the Cavan Town Flood Relief Scheme you can do so through the following:

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If you would like any further information on the Scheme, please visit our website:

<https://www.floodinfo.ie/frs/en/cavan-town/home/>