



Comhairle Cathrach
Bhaile Átha Cliath
Dublin City Council

In association with _____



OPW Oifig na nGbreacha Poiblí
Office of Public Works



Tionscadal Éireann
Project Ireland
2040

BYRNE LOOBY

River Dodder Flood Alleviation Scheme - Phase 3

Newsletter December 2022



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Purpose of the Project

The purpose of the River Dodder Flood Alleviation Scheme Phase 3 is to assess and develop a viable, cost effective and sustainable Flood Alleviation Scheme to alleviate flooding along the River Dodder between Clonskeagh Road Bridge to Orwell Road Bridge and on the Little Dargle Stream at the south-east of the Braemor Road-Woodside Drive junction.

Project Introduction

The OPW has recommended the development of a Flood Alleviation Scheme for River Dodder as a result of the work completed in the Dodder Catchment Flood Risk Management Plan (FRMP).

Dublin City Council as the Lead Authority, in partnership with Dun Laoghaire-Rathdown County Council and The Office of Public Works (OPW) are advancing with the River Dodder Flood Alleviation Scheme Phase 3.

Dublin City Council has commissioned ByrneLooby to develop and implement a flood

alleviation scheme (FAS) for the River Dodder from Clonskeagh Road Bridge to Orwell Road Bridge and on the Little Dargle stream to the south-east of the Braemor Road-Woodside Drive junction.

This Flood Alleviation Scheme is part of the €1bn National Fund announced by the Government for Flood Relief Schemes throughout the Country in May 2018. The River Dodder runs along the Dublin City Council and Dun-Laoghaire-Rathdown County Council border.



Figure 1: River Dodder – View of channel weir adjacent to Strand Terrace



Figure 2: Bankside Cottages – View of existing wall and Islamic Centre boundary wall

Current Activities:

We have provided a brief update on the scheme activities as follows:

Hydraulic Modelling: The hydraulic modelling of the River Dodder Flood Alleviation Scheme Phase 3 is complete. Design flood levels are being adopted to determine potential flood defence measures for affected properties and infrastructure. The Hydraulic Modelling report will be updated following identification of the emerging preferred option for the scheme.

Hydrogeomorphology Assessment: A hydrogeomorphological assessment of the River Dodder in the scheme area has been completed and a report prepared. This report will be made available on the Project Website.

Development of flood risk management option: The project team held a Multi-Criteria Assessment (MCA) workshop to assess the potential flood defence measures. Outputs from the Workshop on the MCA and the preliminary

flood defence options are being incorporated at present.

It is expected that the emerging preferred options will be identified following completion of the Options Report in early 2023.

Site Investigation: Site Investigation works are required to determine the ground conditions for areas where potential flood defence measures will be constructed.

Dublin City Council are in the process of procuring a contract to execute the works through a public tendering process.

It is anticipated that site works will be carried out in early 2023. Details on the scope of works will be published on the project website.

Invasive Alien Species: The treatment of invasive alien species has been finished for 2022. An assessment will be carried out in the Spring to assess the extent of further treatment needed in 2023.



Figure 3: River Dodder– View of the River Dodder along footpath at Dartry Park

Environmental Assessment: Environmental work is progressing on the project, in line with the overall updated programme. The consultation period for the Environmental Impact Assessment (EIA) Scoping Report is now over. Comments received from Statutory Bodies will be incorporated into the EIA report for the Scheme.

The project team has commented on the draft Natura Impact Statement (NIS) for the proposed flood defence measures. These comments are being incorporated into final NIS, which will be completed with the EIAR.

Public Engagement: A second public consultation event is scheduled to be held in the first quarter of 2023. The event will present the flood mitigation options that have been considered and the emerging preferred option.

Details on the public consultation event will be published on the project website.

What's Next?

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

- ➔ Complete the preliminary design and drawings of the flood defence measures.
- ➔ Complete the cost estimate and cost-benefit analysis.
- ➔ Complete the Options Report which will include the damages assessment and MCA.
- ➔ Complete the initial draft of the Environmental Impact Assessment Report for the preferred option.
- ➔ Preparing information and drawings for the next public consultation event on the preferred option
- ➔ Host 2nd Public Consultation Event
- ➔ Site Investigations



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Contact Us

If you would like to contact our Project Team about any matter relating to the River Dodder Flood Alleviation Scheme Phase 3, you can do so through the following:

Email

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Post

Attention: Project Manager, River Dodder FAS
Phase 3

ByrneLooby

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

<https://www.floodinfo.ie/frs/en/dodder-phase-3/home/>