

Deansgrange Flood Relief Scheme



NEWSLETTER NO. 2

June 2021



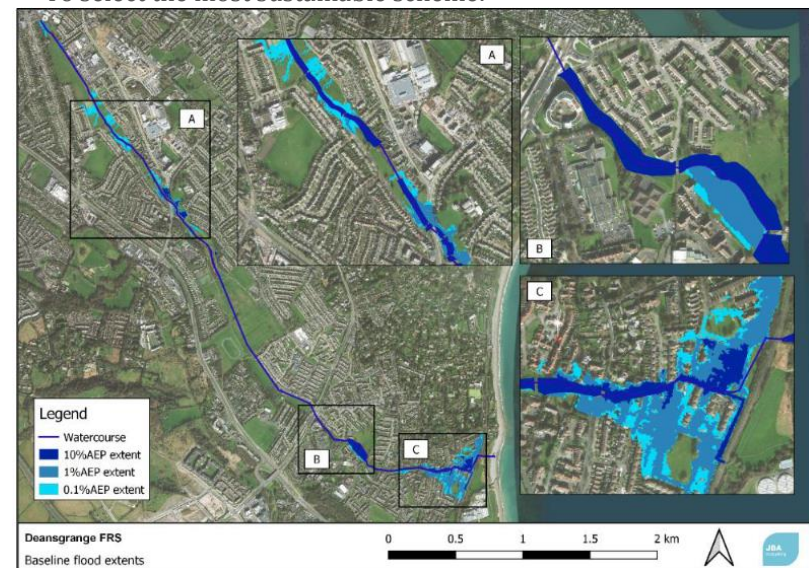
Background to the study

Dún Laoghaire Rathdown County Council, along with project partners the OPW, have appointed the joint venture team of JBA Consulting and JB Barry & Partners to assess, develop and design a viable, cost-effective and sustainable flood relief scheme which aims to minimise risk to the community, social amenity, environment and landscape character.

Progress to date

Since the previous newsletter we have been working to understand the linkages between rainfall, drainage and flood levels across the catchment. We have built a hydraulic computer model of the Deansgrange stream and catchment. The model is being used in the following ways:

- To understand past flood events.
- To assess the impact on property and people in a design flood event.
- To select the most sustainable scheme.



Deansgrange Stream - Baseline Flood Extents

We are looking at a range of measures across the catchment, including flood storage, new debris screens, culvert works and upgrade of existing flood controls. Combinations of these measures are being tested in our computer model, and the outcomes of this testing will be assessed in detail before choosing a preferred solution.

This assessment will include a full review of the economic and non-monetary flood damages and the cost/benefit analysis of the scheme options.

Public Engagement

We want to thank you for the engagement and feedback provided during the first Public Engagement Event, undertaken in September-October 2020. The comments, photos and videos received have proved useful tools in the options development. The consultation also helps the project team to better understand the impact of the proposals on the local communities and how we can potentially maximise the scheme benefits.

A new Public Engagement Event will be scheduled in Summer 2021. We will present the Emerging Options to provide the desired level of protection against flood on Deansgrange and will listen to your comments and inputs regarding the scheme progress.

Kilbogget Park Flood Storage

As you may have noticed, in tandem with this study the Kilbogget Park Flood Storage Project is being progressed. Construction is underway and currently expected to be finished in July 2021



Kilbogget Storage Construction
- March 21

Upcoming Works

A Geotechnical site investigation tender has been issued to market to help better understand the ground conditions at potential work areas. OCB Geotechnical have been appointed and their site investigation team will be on site this May.

Further site surveys carried out by our own Structural and Environmental specialists will also be underway during the next few months.

Next Steps

- Further surveys – including site investigation
- Options Development and Selection
- Environmental Assessments of Preferred Options
- Public Consultation Day – August 2021 (dependent on covid-19 restrictions)
- Finalisation of Options

Outline Scheme Programme

Activity	2020	2021	2022	2023	2024
Assemble all the available data	■				
Environmental Constraints Study	■				
Site Investigation contracts	■	■			
Options Development	■	■	■		
Ecological and Environmental Assessments		■	■		
Preparation of planning submission		■	■		
Planning Application			■	■	
Detailed Design			■	■	
Tender Process			■	■	
Construction Works				■	■

Key: JBA/JBB led activities (Blue), Third party activity (Green), Ongoing/completed (Yellow), (Dark Blue)

Contact Us

Project Specific Website: www.deansgrangefrs.ie

Project Offices: JB Barry & Partners, Classon House, Dundrum Business Park, Dublin

Phone: 01 485 1400

Email: info@deansgrangefrs.ie