

 Deansgrange Stream
Flood Relief Scheme**Public Participation Day 2****Summary Report****February 2023**www.jbbarry.iewww.jbaconsulting.ie

Client:	Dún Laoghaire Rathdown County Council
Project Title:	Deansgrange Stream Flood Relief Scheme
Document Title:	Public Participation Day 2 – Summary Report
File Name:	19110-JBB-00-XX-RP-Z-00459 PPD #2 Summary Report

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SECTION 1: Introduction

1.1 Event Background and Objectives

A Public Participation Day (PPD) for the Deansgrange Stream Flood Relief Scheme (FRS) was held on the 13th of December 2022. The purpose of the event was to present and inform all interested public parties on the preferred option for managing flooding within the catchment. This is the second PPD for the scheme and follows the first PPD held in October 2020.

1.2 Objectives

The intention of the PPD was to engage with interested parties on the project and elicit viewpoints and feedback from the public on the preferred option. The feedback received during the event will be considered prior to the submission of the planning application for the scheme in 2023.

1.3 Scheme Consultation

The following topics were presented during the consultation:

- Introduction
- Identified Areas at Flood Risk
- Strategic approach to managing flood risk
 - How did we arrive at the preferred option?
 - Measures Tested
 - Climate Change Adaption
- Environmental Aspects
- Preferred Option
- Proposed Measures at:
 - Granville Road
 - Kilbogget Park
 - Glenavon Park
 - Killiney Hill Road
 - Seafield & Bayview

The locations of the proposed measures are shown in Figure 1.



Figure 1: Location Map

SECTION 2: Promoting The Event

The purpose of the Preferred Option PPD was to:

- Update the public and other interested parties of progress on the project,
- Provide the relevant information about the preferred option,
- Highlight to the public the main areas where works are likely to happen and where the flood relief provided by the scheme will have the most positive impact,
- Seek feedback from the public and other interested parties in relation to the preferred option, including potential constraints.
- Collate information on any flood events that have occurred since the first PPD.

A variety of channels were used to increase awareness of the PPD and aim to maximise attendance as shown in the table below.

Table 1: Promotion Channels

Channel	Details
Social Media	Announcements were made on two of the Dún Laoghaire Rathdown County Council social media accounts: ▪ Twitter: https://twitter.com/dlrcc/status/1602283399871348737?cxt=HHwWgoCy7emQurwsAAAA ▪ Facebook: https://www.facebook.com/DunLaoghaireRathdownCountyCouncil/
Press advertisement	The event was advertised in an issue of the Dublin Gazette, dated 8 th December 2022. The advert covered a 1/4 page.
Leaflet drop	A total of 1,097 leaflets were distributed between the 8 th and 12 th December 2022 to residential and business properties in the areas surrounding the location of measures associated with the proposed preferred scheme. This included estates surrounding Glenavon Park, Seafield and Bayview. A copy of the leaflet is provided in Appendix 1.
Elected Representatives Meeting	Local Councillors were informed and invited to the PPD.
Direct Contact	▪ Local Councillors notified their constituents by different methods including social media, word of mouth, email and phone calls. ▪ Representatives from DLR consulted with landowners at Seafield Culvert, Granville Road and Killiney Hill Road directly affected by the works prior to the PPD.

SECTION 3: The Event

3.1 Event Details

Event Details	
Venue	DLR Leisure Centre, Loughlinstown Drive, Loughlinstown, Co. Dublin, A96 XP60 The presentation, newsletter and questionnaire were published after the event at: www.deansgrangefrs.ie
Date and Time	Event opening: Tuesday 13 th December 2022 at 16:00 Event closure: Tuesday 13 th December 2022 at 20:00 The event documentation is available on the project website. Attendees were asked to return questionnaires before 10 th January 2023.
Target Audience	All interested parties, including but not limited to elected representatives, stakeholders, residents, statutory bodies, individuals, groups, journalists or associations.
Event Format	- A presentation of the preferred scheme was given by the project team to members of the general public on a one-to-one basis or in small groups. - Questions on the scheme were answered during the walk though and at the end of the presentation. - Each attendee was asked to fill in a questionnaire at the end of the presentation with the assistance of a project team member. - The attendee was provided with a newsletter and encouraged to consult with any other feedback they may have through the website as the next steps of the project progress.
Event Material	Supporting materials provided at the PPD included the following: - Posters (12 No. A0 size on stands) - Newsletter No. 3 (December 2022) - Questionnaires

3.2 Project Team

Project team members from the OPW, Dún Laoghaire Rathdown County Council and the Consultants (JBA Consulting & JB Barry & Partners) were in attendance at the PPD and were available to guide attendees through the exhibited posters, provide explanations of information presented and answer questions from attendees.

All information (posters) presented on the day by the project team was made available on the website at <https://deansgrangefrs.ie/project-info/public-engagement/preferred-option-public-engagement-event/> after the event.

An online version of the questionnaire was also made available after the event to allow public feedback after the event day. Other queries after the event were submitted via the project email address (info@deansgrangefrs.ie). Each of these queries has been considered as part of the consultation on the preferred scheme option.

3.3 Supporting Material

The following materials were made presented on the day and made available on the project website following the event.

Table 2: Supporting Material

Event Material	Description
Posters	- The core material of the event were 12 A0 posters, which were printed on high quality foamboards and displayed in the venue. - The project team used the posters to lead the discussion with the attendees and provide additional information. - The posters presented the areas of existing flood risk, explained the rationale & approach to addressing flood risk, the environmental constraints considered, climate change adaptability, the preferred option and each measure. - The presentation was also made available to the public in PDF format after the PPD on the website at: https://deansgrange.fr.ie/media/oagb3py3/19110-jbb-00-xx-do-z-00453_ppe_venue_posters_p01-03.pdf
Questionnaire	- The attendees were requested to complete a questionnaire after the presentation by the team members. - To assist with answering the questionnaire, members of the public dictated their responses to a member of the project team. The completed questionnaires were collated and stored on the day for review by the project team in preparation of this report. - An online version of the questionnaire was made available on the project website after the event day. A copy of the questionnaire is provided in Appendix 2. A direct link is provided here: https://forms.office.com/Pages/ResponsePage.aspx?id=pYE31hzmU-Uvx0WUJvNWb5wmJmuLlMrHOVDlwdvQdUQIRYMTJORDczRjIDWERZSIA3SjBSRTZXWS4u
Newsletter	Hardcopies of Newsletter 3 were made available at the event and were uploaded to the project website. A direct link is provided here: https://deansgrange.fr.ie/media/g3kiduiq/19110-jbb-00-xx-do-z-00406_newsletter_3_p01-02-1.pdf

3.4 Event Participation

The register of attendees documented that 37 people were present at the venue for the PPD. There may have been a small number of additional attendees that did not register. Thirty-one people completed questionnaires on the evening.

Feedback from a further 12 members of the public was received in the 4 week period after the PPD. These consultations were undertaken via phone calls, emails and meetings arranged at the local authority offices in understanding the scheme. An additional 4 questionnaires were submitted.

The total number of participants for this PPD was 49 with 35 questionnaires received up to the 20th January 2023.

SECTION 4: Feedback Received

4.1 Introduction

This section of the report provides an overview of feedback received at the PPD and after the event. Feedback is grouped as it relates to each of the proposed measures and other general queries.

4.2 Locations of Interest

A breakdown of the respondent's areas of interest is shown in Table 3.

Table 3: Locations of Interest

Area of Interest	Respondents
Kilbogget Park	2
Glenavon Park	2
Killiney Hill Road	10
Bayview	13
Seafield	17
Castlecourt	1
Coast	1
General	2

4.3 Granville Road

Limited feedback was received relating to the proposed works at Granville Road. A representative from Inland Fisheries Ireland (IFI) in attendance at the PDD provided advice on the design of the base of the proposed box culvert at this location.

4.4 Glenavon Park

20 participants responded regarding proposed works at Glenavon Park. A summary of the participant's responses is provided as follows:

- Several respondents indicated they would be satisfied to see that the proposal prioritises the environmental status of the park while improving the local amenities.
- A resident highlighted that a series of houses upstream of Glenavon Park have a history of flooding that does not appear to be reflected in the flood maps.
- IFI representative provided positive feedback regarding the proposed pond design and welcomed the fact that there will be minimal realignment of the existing stream. He also provided advice on the design of the base of the proposed culvert at the flow control structure.
- IFI representative noted the inclusion of new tree planting on the stream bank and was satisfied with the general spacing. It was noted that overplanting of trees can create dark stretches within the stream which was undesirable for fish habitat.
- A resident requested the team to consider adding sitting spaces and other amenities to the embankments and take into consideration current issues with dog waste. Litter control and maintenance were highlighted by another respondent.

4.5 Killiney Hill Road

19 participants responded regarding the proposed works at Killiney Hill Road. A summary of the participant's responses is provided as follows:

- Some local residents indicated their belief that the benefit of this solution would be limited to the houses upstream of Killiney Hill Road bridge. It was suggested additional walls should be constructed downstream of the bridge up to the entrance at Seafield culvert.
- Some respondents mentioned their preference for a measure to include either environmentally compatible solutions, such as embankments, or a bridge upgrade to protect the current trees and local biodiversity, rather than a concrete wall.
- A landowner adjoining the riverbank upstream of the bridge expressed a preference for higher flood defence walls and asked if the existing trees could be removed to minimise blockage risks at the road culvert.
- A respondent was concerned that the proposed wall on the riverbank was too high.
- A respondent highlighted their concern about the bridge remaining as a bottleneck (or constriction) during peak flows.
- IFI representative requested increased 'day-lighting' of the culvert be considered at this location.
- Concerns were raised about possible saturation of the drainage system at the entrance of Cromlech Cottage and the interaction between its planning application and the scheme.
- A resident mentioned if the stream bed and embankment along this section could be tidied up and enhanced with the removal of existing detritus.
- A resident requested if a pedestrian bridge could be considered at the downstream face of Killiney Hill Road bridge to enhance pedestrian safety.
- Concerns about the stability of the banks downstream of Killiney Hill Road bridge were raised by a respondent.
- A respondent queried if the pedestrian bridge between Abberley and Aubyn's Court would be re-opened by the local authority.

4.6 Overflow culvert at Seafield/Bayview

25 participants responded in relation to the proposed works at Seafield/Bayview housing estate. A summary of the participant's responses is provided as follows:

- IFI representative explained that it would be preferable to leave the new culvert open to daylight as much as possible. A more direct route to the sea was also discussed at the PPD during conversation with the project team. It was suggested that the proposed overflow route should act as a new low flow route and that the existing culvert should act as the overflow route. If proven feasible, the options discussed were considered by IFI as an opportunity to re-establish fish life in the stream.
- IFI representative also acknowledged that there is a long length of existing culvert in the alley way between Seafield and Bayview that remains enclosed and problematic for fish migration.
- A resident raised concerns about tidal flooding causing water to back up.
- Some respondents requested that infrastructure for the higher end future scenarios be constructed as soon as possible.
- A local resident questioned why the overflow follows the chosen route instead of going straight to the sea in a direct line from the culvert.
- A respondent highlighted that the current overland flow path (through the alley way and to rear of Bayview properties) is a safety hazard in its current condition and needs immediate attention.
- A resident highlighted the environmental value of the east side of the DART line and the stream estuary. The respondent explained the improving biodiversity situation in the area, including the numbers of butterflies, birds, mammals and other species, and encouraged the team to keep considering it. The resident also suggested taking opportunities to enhance it even further, such as restoring meadows for wildflowers, wetlands, or repopulating with yellow flag iris.
- A respondent asked the team to verify that the increasing flood forces do not harm the wooden bridge next to the estuary, and asked if river mouth dredges will still continue.

- A resident queried the effect of shoaling and asked if the dimensions of the existing culvert are constant. The resident also requested to see the expected climate change flood extents at Seafield.
- A respondent asked about the climate change impact on tidal flooding and about the potential implementation of climate change adaptability proposals as soon as possible.
- A respondent asked about the environmental impact of the new outfall on the beach.
- A respondent suggested capacity of the existing Seafield Culvert could be increased by constructing a new culvert above the existing one in the alleyway.

4.7 General Feedback

Other general feedback was received from participants during the PPD and consultation after the event, which did not relate to a particular area or measure. A summary of the participant's responses is provided as follows:

- Respondents were generally supportive of the proposals and would like to see the scheme implemented as soon as possible.
- Many respondents highlighted their inability to secure property insurance due to their location in flood risk area.
- A respondent expressed concerns about the potential cumulative environmental effects of this scheme and a nearby wind turbine project on the coastal environment at Killiney.
- Some respondents requested if communication could be improved for future events with the adoption of mailing lists, poster displays locally and other visuals.
- A resident requested for future site investigations if the team could improve communications in advance of the works.
- IFI representative recommended that vegetation on stream banks should be left unaffected as far as practicable.
- IFI representative explained that IFI were not in favour of debris screens as general rule due to potential restrictions caused by trapped debris.

SECTION 5: Next Steps

Dún Laoghaire Rathdown County Council and OPW would like to thank all those who submitted feedback during this period of public consultation. The feedback received has been reviewed by the project team and the feedback and issues raised will be considered in preparation of the scheme planning application and in the detailed design of each of the measures. Engagement with the project team is encouraged at any stage of the project and the website will remain in place for the remaining stages of the scheme.

The next steps for the project team will be to finalise the preliminary design of the preferred option and prepare the scheme planning application. All stakeholders will have the opportunity to provide feedback on the scheme during the planning period.

APPENDIX 1: PPD PROMOTION



Date: December 2022

RE: DEANSGRANGE STREAM FLOOD RELIEF SCHEME

Public Participation Day

Dear Householder / Business Owner,

The project team for the Deansgrange Flood Relief Scheme (J. B. Barry & Partners/JBA Consulting joint venture, Dún Laoghaire Rathdown County Council and the OPW) would like to invite you to a public participation event.

Since the Opening Public Consultation Day in October 2020, the project team has been carrying out hydraulic assessments and considering different options for the Flood Relief Scheme.

An emerging preferred option has been identified following these assessments. The areas of interest for the scheme are shown on the enclosed map. These include Granville Road, Kilbogget Park, Glenavon Park, Killiney Hill Road and the Seafield and Bayview Estates.

We are interested in your thoughts on the emerging preferred option that is now proposed. Your feedback will be considered by the project team prior to the finalisation of the preferred option and the subsequent submission of a planning application for the scheme in early 2023.

Details of the public event are as follows:

**Preferred Option Public Participation Day at
DLR Leisure, Loughlinstown Drive, Loughlinstown,
Dún Laoghaire, Co. Dublin, A96 XP60
on Tuesday 13th December between 4pm & 8pm.**

This is an opportunity for the public and those affected by flooding to provide information to the project team. The project team will be present to explain the emerging options and the assessments that have been carried out to this stage.

You can drop in at any time to chat to a member of the project team and short presentations will be given during the event.

If you are unable to attend the Public Participation Day, you are welcome to submit your comments in writing to;

Post: Deansgrange Stream Flood Relief Scheme, J B Barry & Partners, Classon House,
Dundrum Business Park, Dundrum Road, Dublin 14, D14 T9T0
Email: info@deansgrange.fr.ie

Information posters and a feedback questionnaire will also be available on the project website; www.deansgrange.fr.ie. We look forward to meeting you at the event on Tuesday, December 13th.



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OPW Oifig na nOibrescha Poiblí
Office of Public Works

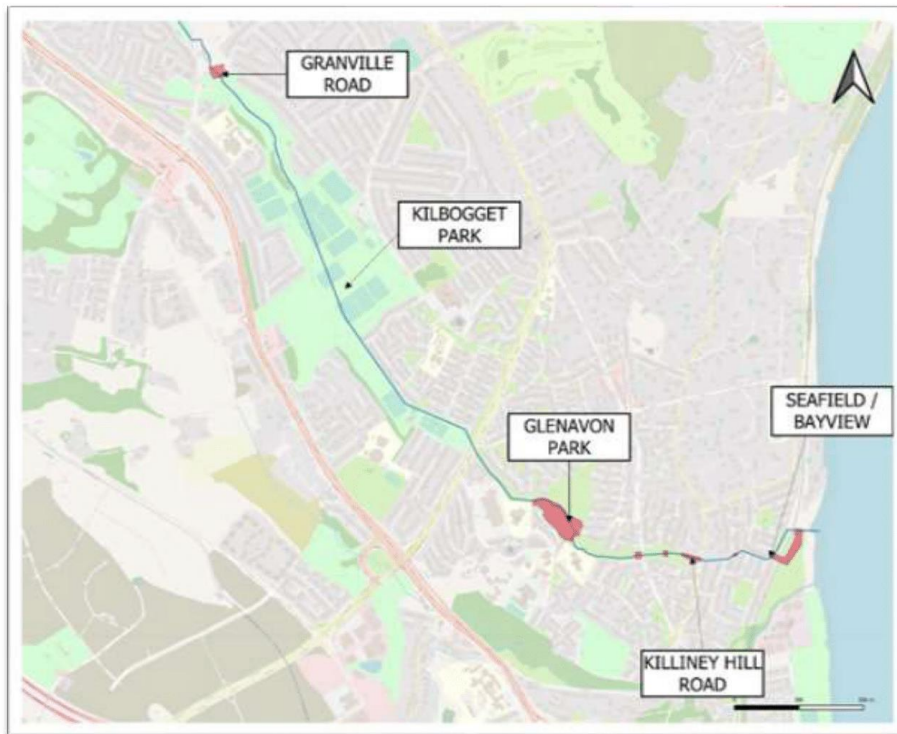
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Yours sincerely,

Eoin Dunphy

Eoin Dunphy
Project Manager
J. B. BARRY AND PARTNERS / JBA CONSULTING



Leaflet delivered to the key scheme areas between 8th and 12th of December 2022



Deansgrange Stream Flood Relief Scheme



Deansgrange Stream Flood Relief Scheme

Public Participation Day

**DLR Leisure Centre, Loughlinstown Drive,
Loughlinstown, Co. Dublin, A96 XP60**

**on Tuesday 13th December
from 4pm to 8pm**

Members of the public and businesses are invited to attend a Public Participation Day where details of the preferred option for the Deansgrange Stream Flood Relief Scheme will be presented. The Project Team (J.B. Barry/JBA Consulting, the OPW and Dún Laoghaire Rathdown County Council) will be present to listen to your thoughts and feedback.

Check out our project website at: www.deansgrangefrs.ie

In association with:



OPW

Oifig na
nOibreacha Poiblí
Office of Public Works

**BARRY
& PARTNERS**



Advertisement published in the Dublin Gazette, issue 8th of December 2022



Tweet shared by DLRCC Comms team on 12th December 2022

APPENDIX 2: QUESTIONNAIRE

A summary of questions from the hard copy and online questionnaire is provided below.

1. Have you been affected by flooding? Which of the following best describes you? (Resident, Business Owner, Representative of a local group, Other)
2. How have you been affected by flooding and when?
3. Which locations in the scheme area are of most interest to you?
4. The scheme proposes to implement a multi-functional measure at Glenavon Park which incorporates flood storage, improved amenity landscaping, footpaths, cycleways and potential habitat development. Do you have any observations about the proposal? What landscape features would you like to see in this area?
5. The objective of the proposed flood defence walls at Killiney Hill Road is protecting the neighbouring properties during extreme flood events while minimising the environmental impact to the local vegetation and wildlife. What are your comments and observations about this measure?
6. The proposed overflow culvert on the Seafeld Culvert which will be installed beneath the DART railway line will improve the system's ability to convey flow to the shore, alleviating flood risk to the pedestrian alleyway, Seafeld and Bayview Estates. Do you have any observations about the proposal?
7. Do you have any other comments on the flood relief scheme which you feel the project team need to consider?