

Grangemouth Flood Protection Scheme

Engagement Event No. 4

Feedback Survey Report

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Falkirk Council
[Client reference]

Grangemouth Flood Protection Scheme



Grangemouth Flood Protection Scheme Engagement Event No. 4 Feedback Survey Report

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Executive Summary

Over 700 local people visited Grangemouth Flood Protection Scheme's (GFPS), known as 'the scheme', nine engagement events and exhibitions in early March 2024, which outlined the proposed scheme.

If we accept that visitors attending the events were very likely to be those who could be affected by the flood scheme, this means that in the region of 11% (of those 6,025 people to be protected by the scheme), took the opportunity to learn more about the proposed project and ask any questions they wanted answered.

Both online and in person events including the online exhibition, were organised by the GFPS project team. These events and exhibitions were to ensure local residents, businesses and affected landowners across many parts of Grangemouth, Carron and Carronshore and Camelon (Stirling Road) could gain as much information as possible before The Scheme moved to statutory notification in May 2024.

The Scheme was ranked as the number one priority flood protection scheme in the 2015 Cycle One Flood Risk Management Strategy by The Scottish Environment Protection Agency (SEPA) and the Scottish Government.

Falkirk Council, which is responsible for implementing the scheme, moved forward with the statutory notification process after its Executive Committee agreed to this step in January 2024.

The Scheme comprising of 28km of flood defences, aims to protect 6,025 people, 2,760 residential properties, 1,200 non-residential properties and 23km of roads.

GFPS is expected to cost between £450-672 million. The Scottish Government has committed to work with Falkirk Council through the setting up of a Taskforce to move The Scheme forward and to look at its governance and funding model, which may include seeking contributions from the private sector.

As part of the engagement in late February and early March 2024, visitors to the in-person, online events and virtual exhibition, were also asked a series of questions about The Scheme through a feedback survey.

The survey showed that 73% of respondents (65 respondents) agreed with the need for the scheme, with another 15% (13 respondents) answering '*maybe*,' partially agreeing that The Scheme was needed. Nine percent (8 respondents) did not agree with the need for The Scheme and 3% (3 respondents) were '*not sure*' if The Scheme was needed.

When asked how satisfied respondents were with the proposed final outline design of the largest flood scheme in Scotland, 70% (62 respondents), indicated they had a level of satisfaction with The Scheme and its design. Around 19% of respondents (17 respondents) said they were dissatisfied with the design and 10 respondents (11%) indicated that they were neither satisfied or dissatisfied or were undecided.

When asked for further explanation for their opinions, 17 respondents (19%) again expressed their support for The Scheme, with 8 respondents (9%) mentioning that in their view The Scheme is needed.

Twenty-two respondents (24%) expressed similar or consistent concerns about The Scheme including tree removal, cost, visual and environmental impacts of The Scheme, impacts on residents during construction and the impacts on landowners.

Seven respondents (7%) also provided suggestions on design or alternative solutions, such as natural flood management.

All comments made as part of the feedback survey are detailed in full later in this report and in **Appendix B**.

Many concerns raised via the feedback survey, are addressed in the Environmental Impact Assessment Report (EIAR) published and available as part of the statutory notification process, which started on 9 May 2024. All other comments from this report have been shared with the full project team so that these comments can be addressed, where possible, in the notification and detailed design stages.

Falkirk Council issued statutory notices on 9 May 2024. These were delivered to around 10,000 properties expected to be affected by GFPS. The Scheme Documents were available online at www.grangemouthfloodscheme.com and at Falkirk Stadium. The Scheme documents included scheme drawings, the schedule of operations and the EIAR.

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Acronyms and abbreviations

EIAR	Environmental Impact Assessment Report
GFPS	Grangemouth Flood Protection Scheme
HES	Historic Environment Scotland
NFM	Natural Flood Management
SEPA	Scottish Environment Protection Agency
The Scheme	Grangemouth Flood Protection Scheme

1. Introduction

The Grangemouth Flood Protection Scheme (GFPS) hereinafter referred to as 'the scheme,' is the largest flood defence project in Scotland and one of the biggest in the United Kingdom. It aims to protect the communities of Grangemouth, Wholeflats, Glensburgh, Langlees, Carron, Carronshore and Camelon (Stirling Road) across The Scheme area.

Falkirk Council is developing the scheme, which will benefit 2,760 residential properties, 6,025 people, 1,200 non-residential properties and 23km of roads. In January 2024, Falkirk Council's Executive Committee agreed to proceed with the statutory process for The Scheme and move forward to Scheme Notification.

Falkirk Council's project team for The Scheme consists of Council Officers and technical consultants from Jacobs, Turner & Townsend, CMS and Dalcour Maclaren.

In late February and early March 2024, the GFPS held a series of in-person and online engagement events to outline to stakeholders the final proposed design for the scheme. A full timetable of the in-person and online events, including times and locations, can be seen in **Table 2**.

These engagement events and exhibitions featured a wide range of information on The Scheme including maps and fly-throughs of the proposed final design, the types of flood defences incorporated, and the statutory process of the scheme. A copy of the exhibition information boards that were displayed at the engagement events, online sessions can be found in **Appendix C**.

A virtual exhibition was also launched to accompany the in-person and online engagement events. This exhibition was open from 4 March to 15 March 2024 and was accessible 24-hours a day throughout this period. This virtual exhibition included all the same materials that were available at the events. A screenshot of the virtual exhibition is shown in **Figure 17** of this report.

A feedback survey was available for attendees to complete at the in-person and online engagement events. The survey was also available as part of the virtual exhibition and through the project website. The feedback survey was open from 4 March to 15 March 2024 and asked questions on how people felt about the need for The Scheme overall. The survey was completed by **89 people**, and the responses have been analysed in **Sections 5** of this Engagement Report.

2. Background

2.1 Need for Grangemouth Flood Protection Scheme

As part of the approach implemented by the Flood Risk Management (Scotland) Act 2009, the Forth Estuary Flood Risk Management Strategy identified the need for The Scheme in 2015. A strategy was prepared by SEPA and approved by the Scottish Government for each of the 14 Local Plan Districts in Scotland, The Scheme being identified in the Forth Estuary Local Planning District (Forth Estuary LPD). These strategies aimed to co-ordinate activities to manage flood risk across Scotland Local Flood Risk Management Plans were then developed by local authorities in parallel to strategies to provide additional detail on delivery of actions, which included the scheme.

The Scheme was identified as the highest priority of the 42 flood protection schemes identified in Scotland.

The communities which The Scheme wisps The Scheme aims to protect are at risk from both river flooding (when the water level in either a river, burn or stream overflows) and coastal flooding (water temporarily entering low-lying areas during exceptionally high tides).

The areas of The Scheme are at risk of coastal flooding from the Forth Estuary and river flooding from the River Carron, River Avon, Grange Burn and their tributaries.

Although these areas have not experienced an extreme flood in recent years, the Grange Burn has been close to overtopping onto adjacent roads and properties and the River Carron and Westquarter/Polmont Burn have overflowed, affecting roads and property. A flooding history of The Scheme area can be seen in **Table 1**.

Date	Source of flooding
2006	River flooding from River Carron
2011	Tidal surges and river flooding from Polmont Burn
2013	Tidal surges and river flooding from Grange Burn
2014	Tidal surges and river flooding from Grange Burn
2019	River flooding from Polmont and Westquarter Burn
2020	River flooding from River Carron and Westquarter/ Polmont Burn
2020	River flooding from River Avon and Polmont Burn
2022	River flooding from River Carron and Westquarter/ Polmont Burn

Table 1: History of flooding in the area of The Scheme

The Scheme aims to protect against medium probability (1-in-200-year) and high impact events which would cause extensive damage to property, infrastructure and could even lead to the loss of lives.

The 1-in-200-year event is the annual probability of a particular flood and is the statistical chance (or risk) that a location will flood in any given year and relates to a particular size or magnitude of flood. This flood event could happen at any time and could in theory, happen on more than one occasion each year. **Figure 1** shows the extent of flooding predicted in a medium probability flood.



The Scheme will also protect against the more frequent events. **Figure 2** below shows the events The Scheme will protect against.

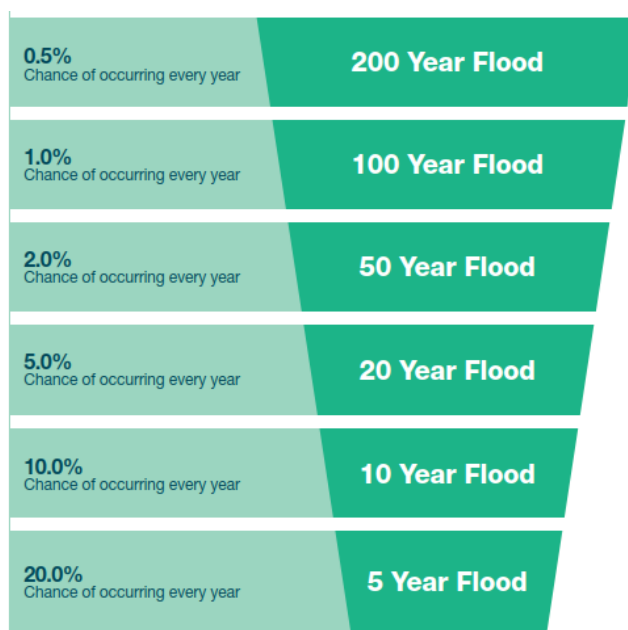


Figure 2: The Scheme will protect up to and including the 200-year Flood

2.2 Final Proposed Outline Design

The total length of the scheme's proposed flood defences is approximately 28km (17 miles). The flood defences proposed include walls, embankments, flood gates and associated works. The Scheme will also include works to the lock gates at the entrance of the Port of Grangemouth and within the industrial complex.

The proposed outline design for The Scheme has been finalised after several years of appraising available options to reduce flood risk. The options considered but not necessarily selected include tidal barriers, reservoirs, dredging, channel realignment, embankments, walls, flood gates, pumping stations and Natural Flood Management solutions (NFM).

A preferred scheme was selected to meet The Scheme objectives and address comments made at the stakeholder discussions, engagement events and/exhibitions held throughout the scheme's development.

Construction of the Flood Protection Scheme is not anticipated to commence until at the very earliest in 2026. This will be phased with completion estimated at approximately 8-10 years later.

The overall location of the proposed defences can be seen in **Figure 3**.

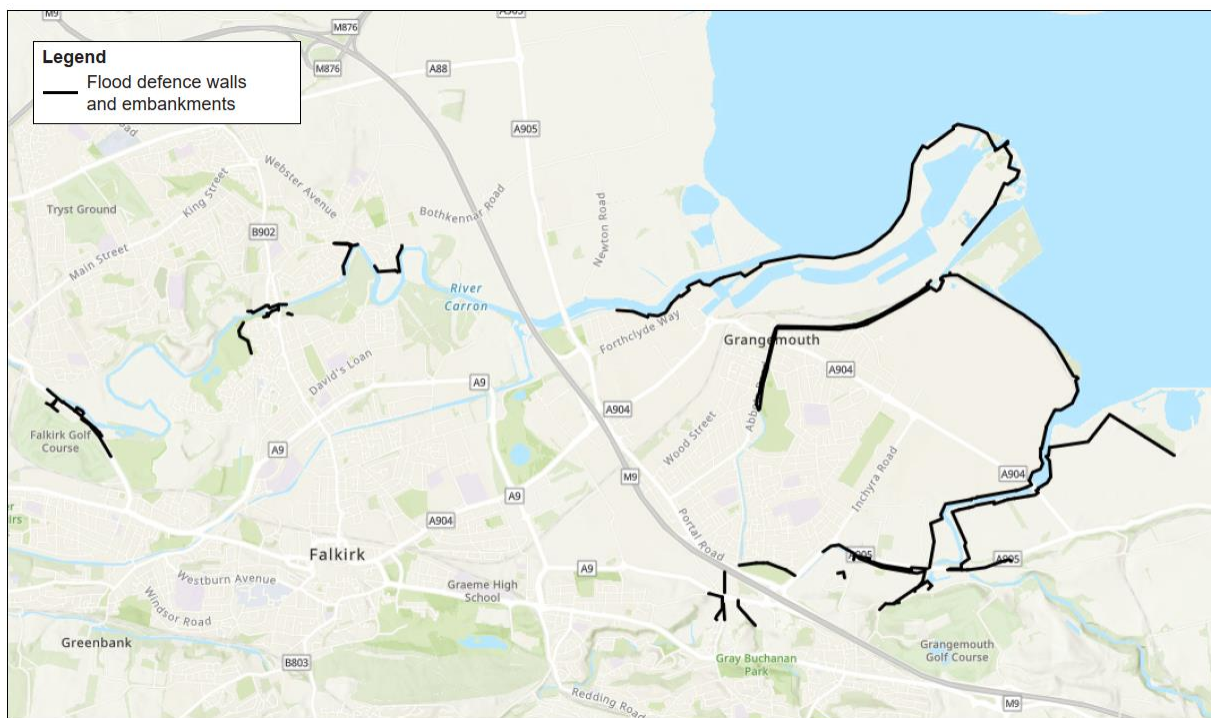


Figure 3: Map showing overall location of the flood defences

The types of flood defences type and finish will vary by location based on the landscape and existing infrastructure of the area. For example, , the flood walls would be clad in either stone or brick to fit in with the surrounding area.

The height of the defences will also vary by location, but most will be between 1-1.4m high in relation to ground level.

Maps showing the location of flood defence in specific scheme areas can be found within the exhibition boards in **Appendix C**.

2.3 Costs and Benefits

On completion, The Scheme will protect 6,025 people, 2,760 residential properties, 1,200 non-residential properties and 23km of roads.

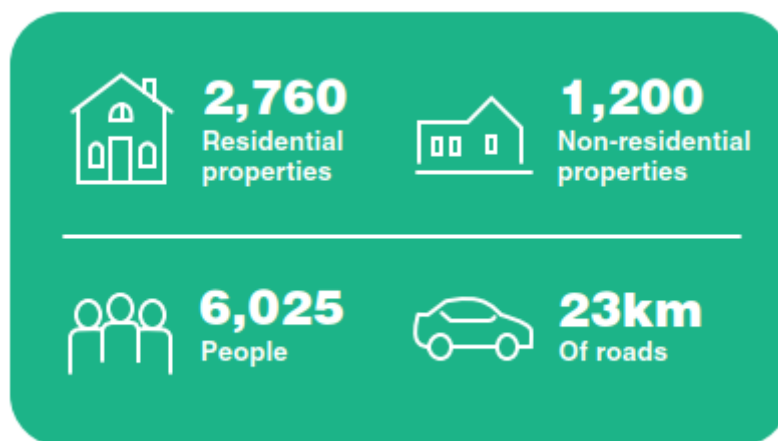


Figure 4: Benefits of the scheme

The Scheme could also prevent £2.4 billion of damages across The Scheme area and support communities to become more flood resilient.

In terms of cost, The Scheme is estimated to cost £450-672 million. The Council and the Scottish Government have also agreed to establish a Taskforce which will continue to provide project governance and consider appropriate funding mechanisms for future construction stages. These discussions are ongoing and will continue to be progressed during Scheme Notification to ensure that sufficient funding is secured to enable construction to commence as soon as practicable after The Scheme is confirmed.

In January 2024, Falkirk Council's Executive Committee agreed to proceed with the statutory process for The Scheme and move forward to scheme notification.

3. Engagement

3.1 Previous Engagement - 2018 to 2021 (Engagement Events 1-3)

There have been three engagement events prior to Scheme Notification:

- Engagement Event 1 (February & April 2018)
- Engagement Event 2 (May 2019)
- Engagement Event 3 (June 2021)

The Scheme project team have also been communicating with stakeholders and communities throughout the development of the project. This has included:

- Newsletters
- Mobile engagement van tours across The Scheme area
- One-on-one engagement if requested
- Dedicated and monitored social media channels

Engagement Event 1 (February & April 2018)

As part of the Option Appraisal process for The Scheme, the first engagement event enabled residents, business owners and the public to view further information on the preferred scheme, and comment on the options being considered.

The purpose of the event was to explain why Falkirk Council are taking The Scheme forward, provide an understanding of flood risk, communicate the benefits of providing a flood protection scheme and record the public reaction to the project. **Figure 5** shows an example of the exhibition boards shown at this engagement event.



Figure 5: Exhibition board shown at Engagement Event 1

Engagement Event 2 (May 2019)

Following completion of the Options Appraisal process, the second engagement event allowed stakeholders to comment on the preferred scheme.

The purpose of this event was to explain the preferred flood protection scheme, provide details of next steps (including an initial programme) and to gauge the public opinion to the preferred scheme. **Figure 6** shows an example of the exhibition boards shown at this engagement event.

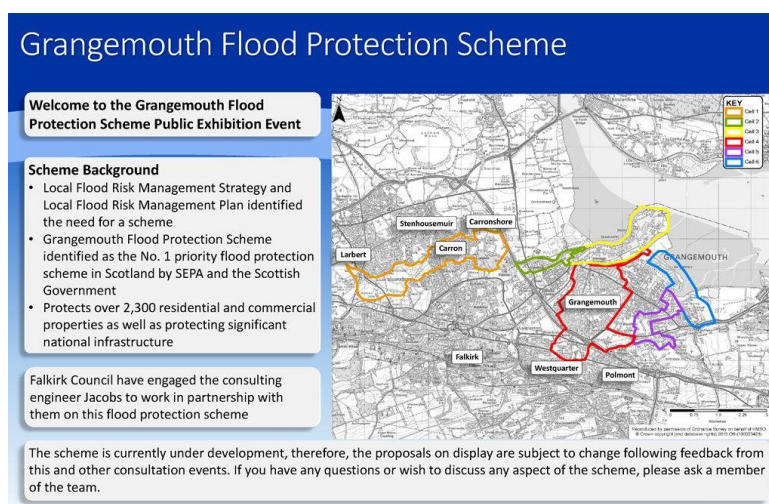


Figure 6: Exhibition board shown at Engagement Event 2

Engagement Event 3 (June 2021)

The project team ran several online community engagement events in June 2021, due to COVID-19 guidance. These events provided an update on the status of the project and sought feedback on the proposed flood defences. Two of the events related to general updates on the overall scheme, whereas the other five events focused on specific communities affected by the scheme.

Potential Impacts of Climate Change

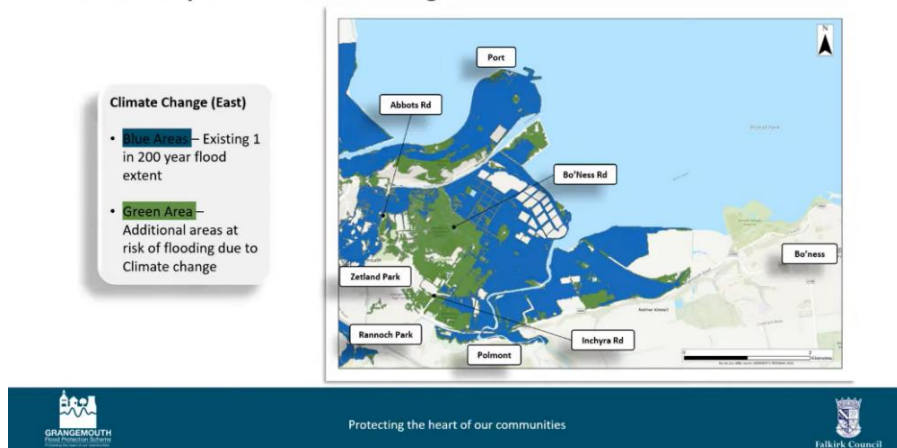


Figure 7: Presentation slide shown at Engagement Event 3

3.2 Grangemouth Flood Protection Scheme STEM Programme

As part of the initial engagement, the Grangemouth Flood Protections Scheme STEM Education Programme was launched. It aims to educate pupils in the design of the flood scheme and the roles which feature in a project team.

Originally, the STEM Education Programme was open to pupils from primary years five and six and youth groups. However, this was expanded to secondary school second year pupils in 2023. As part of the programme, young people from across The Scheme area have had the opportunity to learn about the devastating effects of flooding and design their own flood defences which were then submitted into a competition.

The programme includes a resource pack for schools and groups, which was developed by Jacobs' STEM team in conjunction with Falkirk Council's Education Department. It aims to bridge the gap between school, higher education, and industry by helping young people to develop skills required to adapt and thrive in a fast-paced ever-changing world.

The team have also attended the Falkirk Science Festival: Innovate at The Helix in 2022, 2023 and 2024. Jacobs' Principal Social Value Consultant Barbara Hanning, who helped develop the STEM Education Programme, said: "The festival provides a great platform to showcase the free learning resources developed as part of our STEM Education Programme."

The GFPS STEM Education Programme, so far, has engaged with over 800 pupils from primary schools, secondary schools and community groups across The Scheme area.



Figure 8: Photograph of STEM project winners from Beancross School in 2023

3.3 Pre-publication Engagement, Exhibitions and Feedback Survey – 2024 (Engagement Event 4)

Following Falkirk Council's Executive Committee approval to proceed with the statutory process of The Scheme in January 2024, the project team held in-person and online engagement events in late February and early March 2024 before The Scheme moved to Scheme Notification.

A full timetable of all the engagement events can be seen in **Table 2** below.

Date	Time	Locations
29 February 2024	19:00-20:30	Online Microsoft Teams session
4 March 2024	14:00-15:30	Grangemouth Town Hall (stakeholder session)
4 March 2024	16:00-20:00	Grangemouth Town Hall (public session)
5 March 2024	10:00-14:00	Grangemouth Town Hall
6 March 2024	11:00-20:00	Carron & Carronshore Bowling Club
7 March 2024	12:00-19:00	Camelon Social Club
8 March 2024	11:00-19:00	Bowhouse Community Centre
11 March 2024	11:00-12:30	Online Microsoft Teams session

Table 2: Timetable for in-person and online engagement events

These engagement events gave residents, community groups, businesses and members of the public the opportunity to gather information on the final proposed design of The Scheme and to speak to the team specialists about the project.

Promotion and Communication of Events and Exhibitions

All events were advertised in a dedicated newsletter which was posted to over 6,400 residents and emailed to over 700 recipients. The engagement events and exhibition were advertised on the scheme's social media channels with regular reminders throughout the engagement period, including the times and location of events and how to visit the virtual exhibition. They were also highlighted on the scheme's website.



Figure 9: Newsletter

In addition to this newsletter, there was also a dedicated campaign on local radio (Central FM). The script for this advert is shown in **Appendix G**.

A press release was distributed to national and local media to publicise the engagement events and exhibitions. This press release can be seen in **Appendix E**.

This was accompanied by advertisements in local newspapers. A copy of this advert can be seen in **Appendix F**.

At the engagement events, exhibition boards displayed the final proposed scheme design, background information of the scheme, environmental considerations and the next steps for the project. A copy of the exhibition boards that were shown at the engagement events can be seen in **Appendix C**.

Events and Exhibitions

In total, **344 people** attended the in-person engagement events and the two online sessions.



Figure 10: Photograph from engagement event at Grangemouth Town Hall



Online Session – 29 February 2024

The online event was run between 7:00 pm and 8:30 pm via Microsoft Teams. Attendees could register for the session through the GFPS website and the link was circulated on social media.

There were ten members of the public at this event along with members of the project team.

Questions asked included topics such as funding, the phasing of the project, locational queries and environmental issues. A summary of all the questions and answers can be seen in **Appendix D**.



In-person Event (Stakeholder) – 4 March 2024

The first in-person event was an invite-only session for key stakeholders, councillors and the media. The first event was held in-person at Grangemouth Town Hall between 2:00 pm and 3:30 pm.

There were 25 stakeholders who attended and met with the project team at this event.

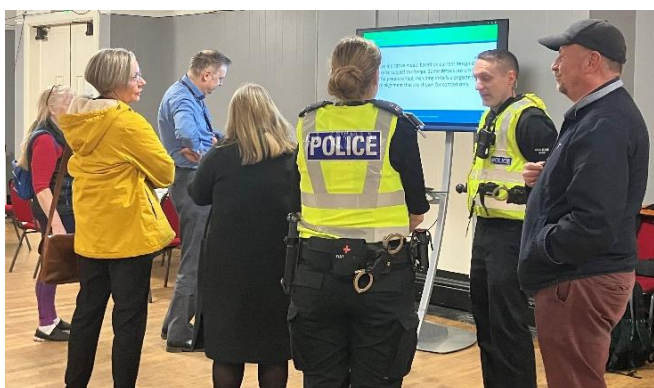


Figure 11- Stakeholders at the event



In-person Event (Public) – 4 March 2024

This first public in-person event was held at Grangemouth Town Hall between 4:00 pm and 8:00 pm. Members of the public were able to see the exhibition, watch flythroughs of different areas of The Scheme which outlined the types of flood defences and ask questions of the project team.

There were 77 visitors to this event.

This means that there was a total of 102 visitors to the Grangemouth Town hall exhibition on 4 March 2024.



Figure12: Grangemouth town hall event



In-person Event – 5 March 2024

The second public in-person event was also held at Grangemouth Town Hall between 10:00 am and 2:00 pm.

There were 65 visitors to this event.



Figure13: watching the digital flythrough



In-person Event – 6 March 2024

The third public in-person event was held at Carron and Carronshore Bowling Club, between 11:00 am and 8:00 pm.

There were 74 visitors to this event.

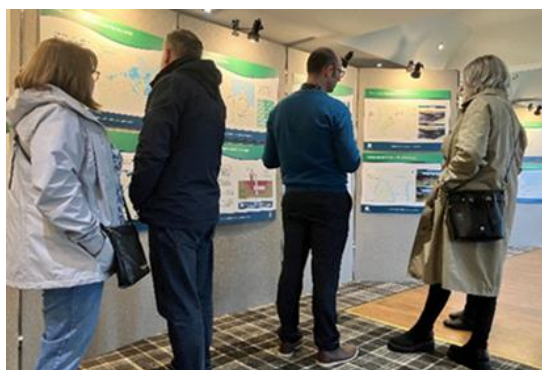


Figure 14 - Carron & Carronshore Bowling Club event



In-person Event – 7 March 2024

The fourth public in-person event was held at Camelon Social Club between 12:00 pm and 7:00 pm.

There were 12 visitors to this event.

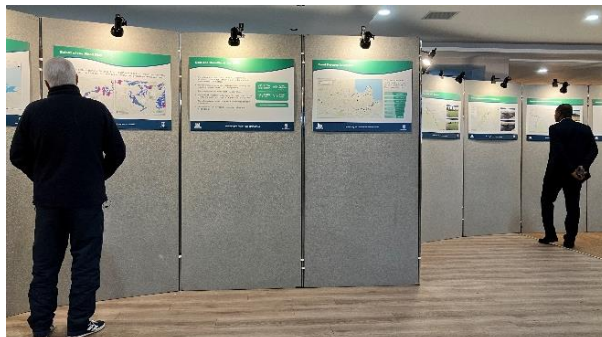


Figure 15: Camelon Social Club event



In-person Event – 8 March 2024

The final in-person public event was held at Bowhouse Community Centre between 11.00 am and 7:00 pm.

There were 61 visitors to this event.



Figure 16: Bowhouse Community Centre Event



Online Session – 11 March 2024

The online event ran between 11.00 am and 12.30pm via Microsoft Teams. Attendees could register for the session through the GFPS website and the link was circulated on social media.

There were 20 members of the public at this event, who met with members of the project team.

Questions raised during the event included topics such as funding, costs, works sequencing, erosion and specific locations.

A summary of all the questions and answers can be seen in **Appendix D**.



Virtual Exhibition 4 to 15 March 2024

Alongside the engagement events, a virtual exhibition was published online, giving 24-hour access, seven days a week to the same information that was provided at the in-person and online engagement events. The virtual exhibition was open throughout the period from 4 March to 15 March 2024 and screenshots of the virtual exhibition can be seen in **Figure 17**.

The virtual exhibition was visited by **372 individuals**.



Figure 17: Screenshot of virtual exhibition



Feedback survey

After visiting either the in-person events or the virtual exhibition, attendees had the chance to fill out a feedback survey.

Feedback surveys were available to be completed and submitted between 4 March and 15 March 2024 and were available following the engagement events, through the virtual exhibition and on the project website. At the in-person engagement events, attendees could either complete the feedback survey whilst there or take a copy away with them to complete later, 49 of the surveys submitted were completed at the events.

A QR code linking to a digital version of the survey was also displayed at events and included in the virtual exhibition. In addition, the feedback survey was publicised through the scheme's social media channels, along with regular reminders to complete the survey.

A paper or email copy of the feedback survey could also be requested via the project's email address and Falkirk Council's phonenumber however no requests were received for hardcopies of the surveys outside the engagement sessions.

A copy of the feedback survey can be seen in **Appendix A**. The survey results have been analysed and the results are shown in **Section 4** of this report.

The survey asked whether those who attended were '*satisfied*' with the final proposed scheme they had seen, while also giving the opportunity to raise any other issues or questions.

The returned surveys have been included within the analysis of this report. In total, **89 responses** were received. The analysis in this report follows the order the questions appeared in the feedback survey.

4. Feedback Survey Analysis

4.1 Respondent Type and Profile

Question 1 & 2 of the feedback survey were related to data protection and asked whether respondents were above the age of 16 (or if below the age of 16 parental consent was given). All respondents to the feedback survey were above the age of 16.

Question 3 of the feedback survey asked respondents to give the first four characters of their postcode. **Table 3** shows respondents' postcodes, ward, general area and the number of respondents. All respondents to the survey indicated that they came from the Falkirk Council postcode area.

Area covered	Ward	Postcode sector	Number of respondents	Percentage of respondents
Grangemouth, Glensburgh, Wholeflats - East Grangemouth	<u>Ward 2</u> Grangemouth	FK3 9	24	27%
Carron / Carronshore / Bothkennar/Langlees	<u>Ward 4</u> Carse Kinnard and Tryst	FK2 FK2 7 FK2 8	23	26%
Grangemouth/Wholeflats/north Grangemouth	<u>Ward 2</u> Grangemouth	FK3 FK3 0	16	18%
Grangemouth, central and Beancross, Bowhouse	<u>Ward 2</u> Grangemouth	FK3 8	15	17%
Camelon/Larbert Glenbervie/Falkirk	<u>Ward 6</u> Falkirk North	FK1 FK5 3 FK5 4	5	6%
Falkirk – California/Hallglen	<u>Ward 7</u> Falkirk South	FK1 2 FK15	4	5%
Falkirk area (unspecified)	<u>Ward 6</u> Falkirk North	FK	1	1%
Polmont	<u>Ward 8</u> Lower Braes	FK2 0	1	1%
TOTAL			89	
<i>*percentages have been rounded up</i>				

Table 3: Respondents location by postcode

Most respondents came from the Grangemouth and Glensburgh, Wholeflats – East Grangemouth postcode areas (FK3 9) (27%), closely followed by, Carron, Carronshore, Bothkennar and Langlees areas (FK2, FK2 7, FK2 8) (26%), then, Grangemouth, Wholeflats North Grangemouth (FK3, FK3 0) at 18% and Grangemouth central, Beancross and Bowhouse postcode area (FK3 8) at 17%.

Fewer respondents came from the Camelon, Larbert, Glenbervie, and Falkirk postcode area (FK1, FK5 3, FK5 4) (6%), followed by Falkirk – California and Hallglen postcode areas (FK1

2, FK15) at (5%), with the unspecified Falkirk (FK) postcode area and Polmont postcode area (FK2 0) each with 1%.

Question 4 asked if respondents were responding as a resident, business or organisation. For this question, respondents could select more than one option. The results for this question can be seen in **Figure 18**.

Among the 89 respondents, 96% (85 respondents) stated that they were responding as a resident and 6% (5 respondents) identified themselves as responding on behalf of a business. Those responding as organisation and other categories received 2% (2 respondents). Respondents were able to choose multiple categories where this was applicable.

If a respondent selected 'other,' **Question 5** asked them to explain. Other respondent groups included Falkirk councillors and professional individuals.

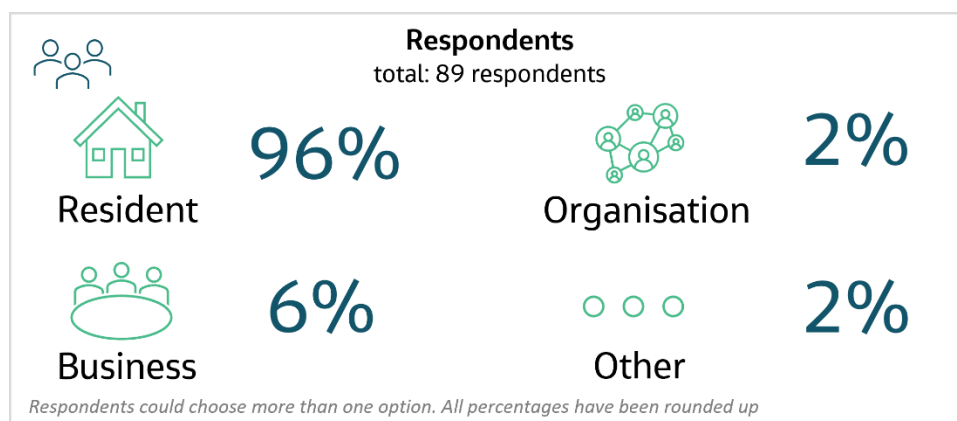


Figure 18: Respondents by type

4.2 Grangemouth Flood Protection Scheme Questions

Question 6 asked if respondents agreed with the need for the Grangemouth Flood Protection Scheme. This question gave four options for response which were: 'Yes,' 'No,' 'Maybe,' and 'Not sure'.

The majority of respondents agreed with the need for the scheme, with 73% (65 respondents) selecting this choice and 15% (13 respondents) respondents agreed that they 'maybe' agreed with the need for the scheme.

In terms of disagreement, 9% (8 respondents) did not agree with the need for The Scheme and another 3% (3 respondents) were 'not sure'. This can be seen in **Figure 19** below.

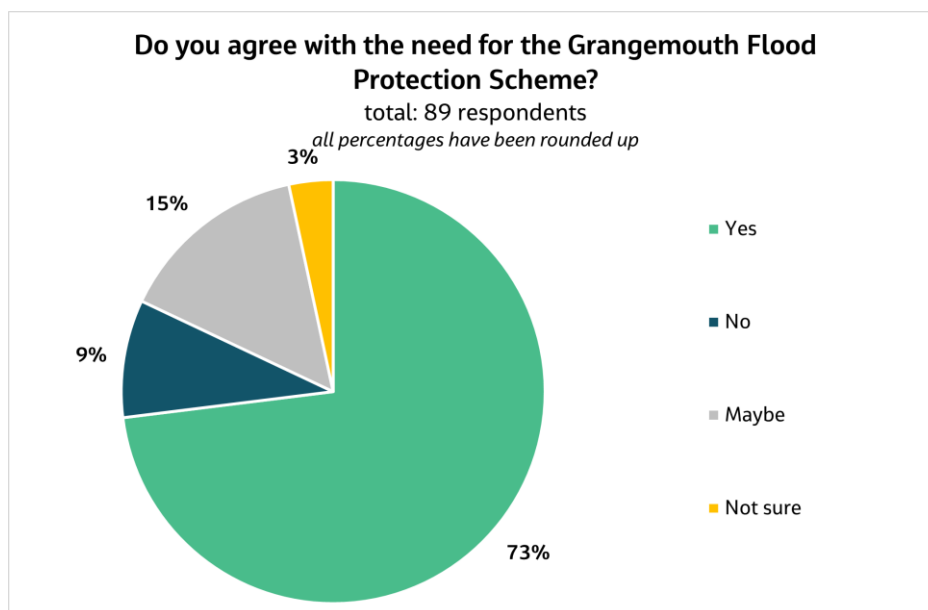


Figure 19: Pie chart showing respondents agreement with the need for GFPS

Question 7 asked respondents how satisfied they are with the Grangemouth Flood Protection Scheme. The results are shown as a bar chart in **Figure 20**.

Most survey respondents indicated they had a level of satisfaction with the proposed scheme. In total, around 70% (62 respondents) stated they were either '*extremely satisfied*' (11 respondents), '*very satisfied*' (34 respondents) or '*somewhat satisfied*' (17 respondents) with the scheme.

There were 11% (ten respondents) who were '*neither satisfied nor dissatisfied / undecided*' with the scheme.

In total, another 19% (17 respondents) were in some way dissatisfied with the scheme. Ten percent (9 respondents) were 'somewhat dissatisfied' 3% (3 respondents) were 'very dissatisfied' and 'extremely dissatisfied' was selected by 6% (5 respondents).

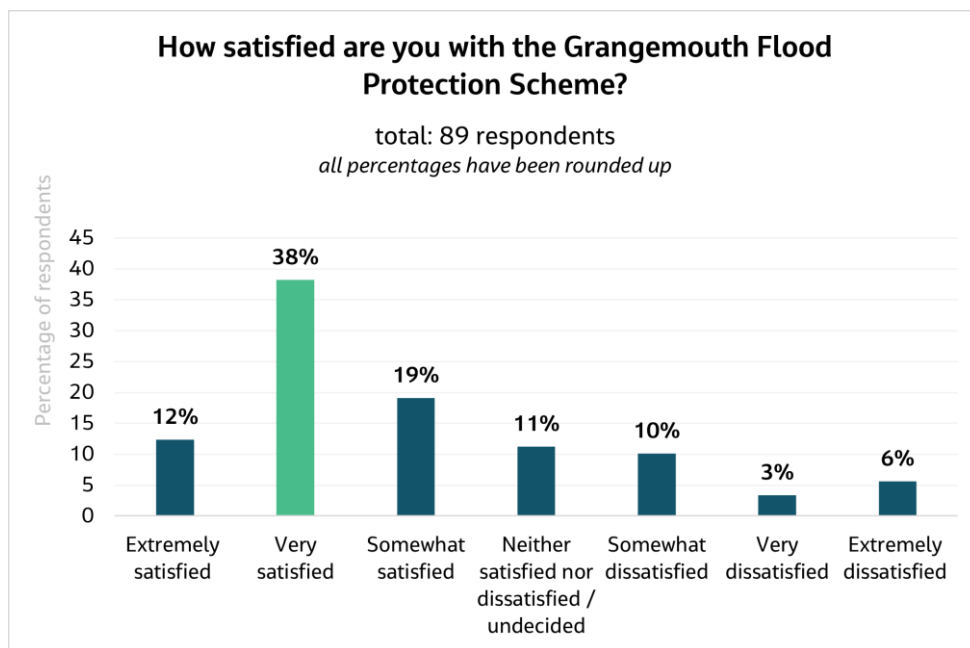


Figure 20: Bar chart showing respondents' satisfaction with GFPS

Question 8 asked respondents to explain the specific reasons why they gave this answer on the level of satisfaction with the scheme. As this was an open-ended question, the responses have been grouped and coded based on similarity. For the detailed analysis on this question, numbers of respondents are used instead of percentages. This is due to the small numbers of responses for each detailed category.

Four main categories were identified during the analysis process and are shown on the Figure 21 below. These are:

- General: comments adding some more general context or information, but not direct opinion about the scheme
- Support for the scheme: comments expressing support for the scheme, for various reasons
- Scheme concerns: comments expressing various reasons for concern.
- Design suggestions: comments with various suggestions about the design of the scheme

A copy of the analysis used to code the responses for this question can be seen in **Appendix H**.

Figure 21 below shows the grouped most often mentioned reasons, respondents gave for their level of satisfaction. Due to possibility that one respondent could mention several issues within one category and fact that not all issues mentioned are shown on this figure, the individual numbers for each issue may not sum up to total number of respondents for category.

From the 89 respondents, 69 respondents clarified their response with additional comment.

These clarifications in the additional comments given by respondents have been grouped together by a themes, and then coded under more detailed categories. In total, the most often mentioned concerns were general comments with 30 respondents noting this in their answer. Most often raised issues within general comments was the need for more information (which was mentioned by 9 respondents), additional information given about the respondent (which was mentioned by 8 respondents) and feedback on the consultation process (mentioned by 6 respondents). 24 respondents expressed their support for the scheme, and 22 respondents expressed several concerns over the proposed scheme mostly referring to tree removal, cost and visual impacts. Seven respondents provided some suggestions on design or alternative solutions.

'Respondent' refers to those people who have completed the feedback form or section of the feedback form.

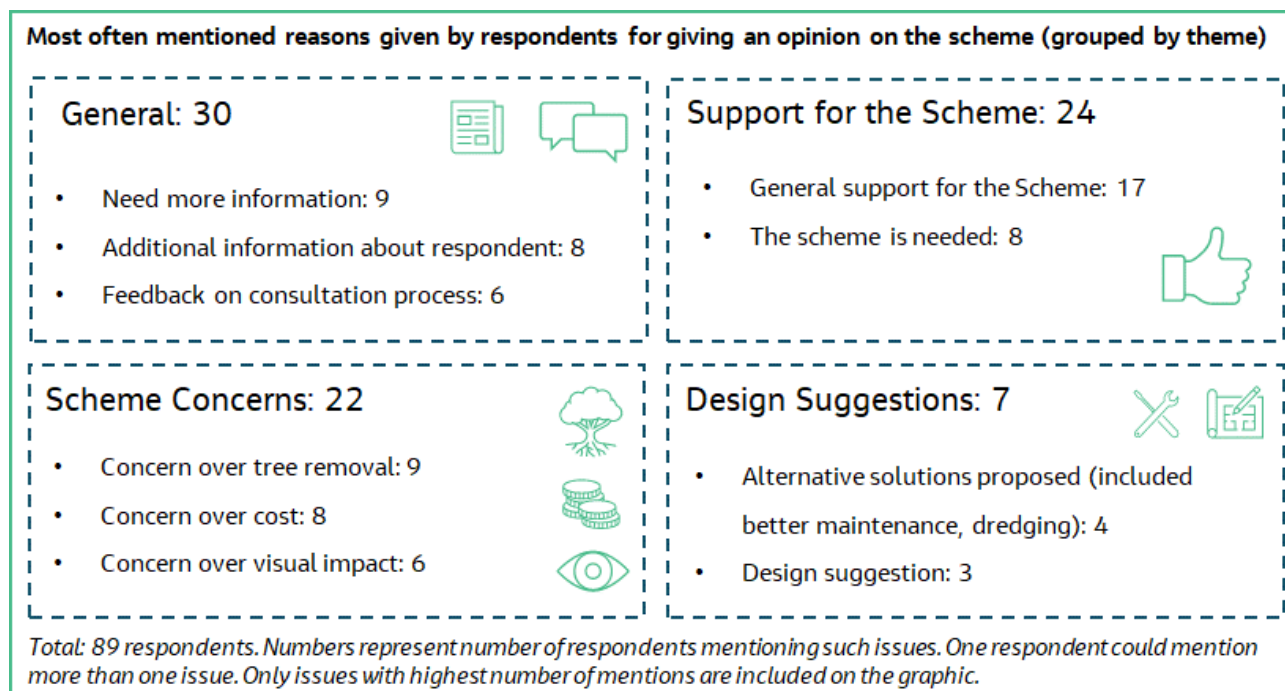


Figure 21: Indicates the reasons given by respondents for why they gave an opinion or view (these have been grouped together in themes)

For ease of reading this section, comments have been split into the following headings reasons given for satisfaction, reasons given for neutral sentiment and reasons given for dissatisfaction.

Reasons for Satisfaction with the scheme

When asked to give a reason for their satisfaction, 15 respondents expressed general support for the scheme, with some positive comments on project team's work carried out so far. Eight respondents stated The Scheme is needed and it's good to prepare ahead of potential future flooding. Three respondents expressed support for the proposed environmental mitigation measures.

The anonymised quotes used in these sections are a selection taken directly from the feedback survey showing the varied responses received. These quotes have not been altered in any way and are the views of those taking part.

- 'You seem to be doing everything to have the affected area to look undisturbed once all work finished.'*
- 'It is obviously a well thought of scheme, which is essential for Falkirk district.'*
- 'It's obvious that more rain and rising sea temperatures are already impacting us so totally support The Scheme for the sake of the future of this area, happy that old trees will be replaced.'*

Five respondents, even though being supportive of the scheme, expressed some concerns mostly over visual impacts, tree removal, cost of The Scheme and impact on properties.

- *'Disruption to garden concerns.'*
- *'I'm not happy that the trees between the Grange burn and the Grangeburn road are not being replaced.'*
- *'Visual implications and concerns about funding.'*

Four respondents provided suggestions on design or alternatives including a general need for some amendments, including the inclusion of active travel route into The Scheme and maintenance/access to the Grange Burn. These quotes have not been altered in any way and are the views or beliefs of those taking part.

- *'Some of it could be changed to suit some of the residents.'*
- *'Missed opportunity to create active travel routes such as cycle path along Grangeburn Road to take pressure off Bo'ness Road & create safer route particularly if small bridge built over burn at the bend up the road taking walkers /cyclists safely towards Old town / canal area without having to go along Bo'ness Road (see other research commissioned by Falkirk Council).'*
- *'I would like to know why the only option is to build a wall the burn is much narrower than it was originally. It needs cleared of all the overgrowth. It has not been maintained properly for years.'*

Eight respondents provided additional information which had an impact on making their opinion. This included experiencing flooding, personal knowledge or scheme impacts in the local area. Six respondents stated they need more information or do not have enough technical knowledge to fully assess the proposals. These quotes have not been altered in any way and are the views or beliefs of those taking part.

- *'I would like to know why the only option is to build a wall the burn is much narrower than it was originally. Also do you have records of when the trees were planted as you are saying they are at the end of their life.'*
- *'Our property was flooded in 2019 and since then there has been no resolutions to the issues from the Polmont Burn.'*
- *'All looks good, But I do not have technical knowledge to fully assess.'*
- *'No one knows for certain if the defences in their initial form will do the job.'*

Three respondents provided positive feedback on the engagement and information sharing process for the scheme, mentioning informative materials (boards, video) and events.

- *'Engagement events discussion & boards very helpful & answered any worries as a resident living within yards of proposed 'defence'.'*
- *'I liked the video and watched it first before reading the boards.'*

Reasons for neutral sentiment

Among those who are undecided about the scheme, five respondents have some concerns over The Scheme such as cost, the height of flood walls, increased flooding in some areas due to The Scheme being in place, tree removal, or querying if it is for business protection only. These quotes have not been altered in any way and are the views or beliefs of those taking part.

- *'Are the walls going to be high enough?'*
- *'Fear we will be at far higher risk of severe flooding as a result of the proposed flood prevention scheme.'*
- *'Loss of trees - I would rather Abbots Road and Grangeburn Road were narrowed to protect the existing trees.'*

Four respondents stated they needed more information about The Scheme that they do not have technical knowledge to properly assess the scheme. Two respondents, even though they have some concerns, expressed a slightly positive sentiment towards the scheme. These quotes have not been altered in any way and are the views or beliefs of those taking part.

- *'So many unknowns at the moment.'*
- *'Sorry, I do not know enough about the mechanics of flood prevention to judge. But what I have seen from the exhibition it seems a good start.'*
- *'No details for our area. No defences to be built there according to the plan but in area impacted.'*

Reasons for dissatisfaction with the scheme

Those who stated that they are extremely dissatisfied, very dissatisfied or somewhat dissatisfied, mostly expressed concerns over cost and funding of The Scheme (6 respondents), tree removal and the scale of removal (6 respondents), impacts of The Scheme including environmental, visual impacts and impacts on their properties (6 respondents). These quotes have not been altered in any way and are the views or beliefs of those taking part.

- *'I have concerns over the cost, the upheaval to Grangemouth, how the flood defences will look and I don't want mature trees to be removed.'*
- *'Too expensive, money should be spent on upgrading the existing infrastructure.'*
- *'Damage to property by tree felling & piling, disturbing wildlife.'*
- *'Yes, I do not want a 6 foot wall built 2 metres from my house.'*
- *'It is a lot of money that I personally think could be better spent in regeneration of the town. Also, the actual flood defence wall itself looks like grey stone - if that is correct, it will make us feel like we are living in a ghetto.'*

Five respondents stated that The Scheme is not needed, that it will only protect businesses from flooding or that there are other priorities in community rather than a flood scheme.

- *'It would appear scheme designed to protect Ineos and not Grangemouth.'*
- *'In all my 45 years in Grangemouth and living next to the grange burn, I have never known it to flood. the only time we have had flooding was due to a burst water main further up park road.'*

Three respondents complained about lack of a proper consultation process with the community. Also three respondents suggested alternative solutions including dredging and better maintenance of the burn and natural flood management solutions. . These quotes have not been altered in any way and are the views or beliefs of those taking part.

- *'Lack of transparency and engagement before pr sending plans which residence need to face day in day out.'*
- *'The burn and overflow need dredged and restored to how they used to be not parts joining together in the middle.'*
- *'The burn is not properly looked after, but as usual it's a quick ugly fix that is proposed rather than regular ongoing maintenance and no thought to existing trees and how a wall will look.'*

Figure 22 below presents the full list of issues mentioned.

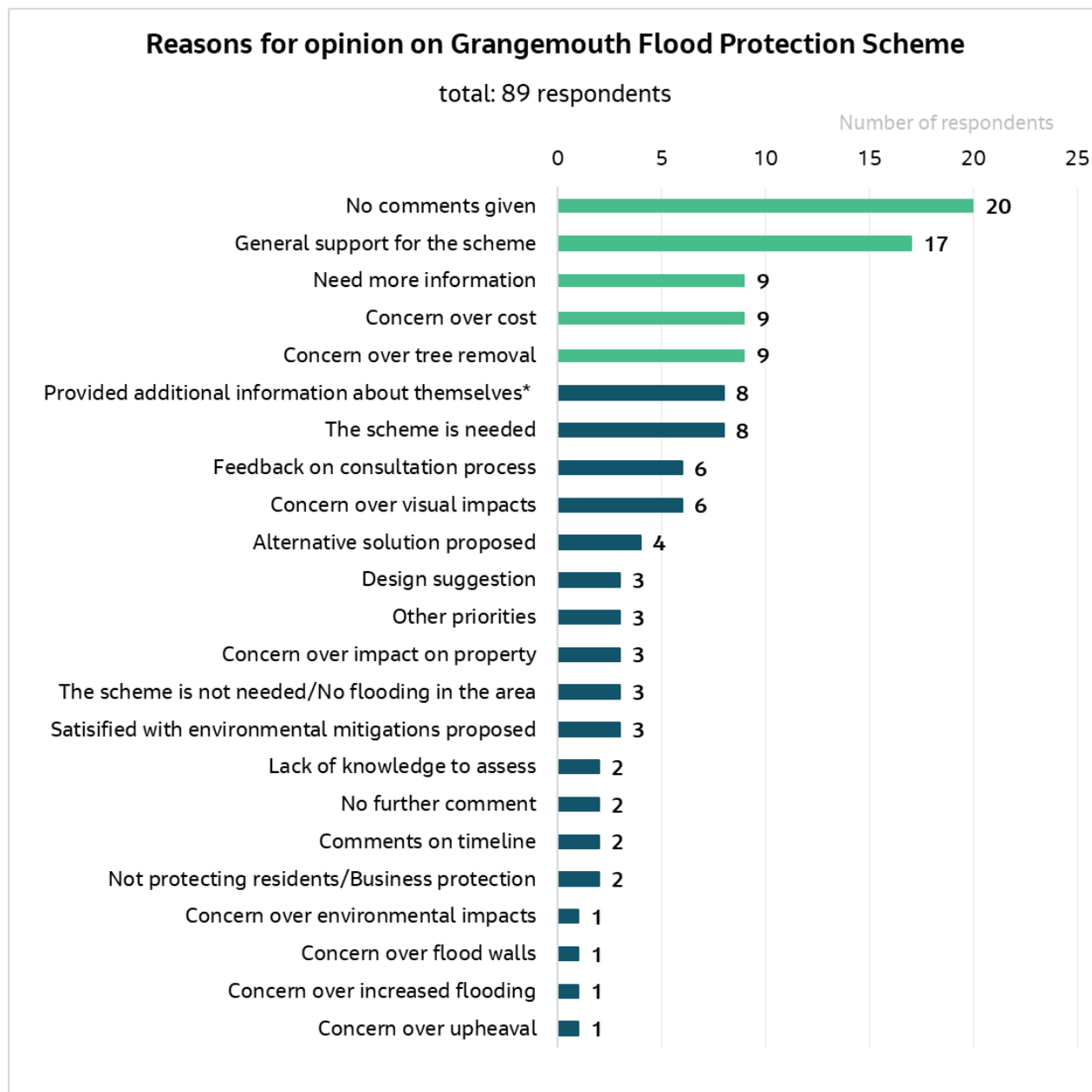


Figure 22 - Reason for opinion on GFPS

Any Further Comments about The Scheme

Question 9 was the final question specifically asking about the Grangemouth Flood Protection Scheme in the survey. It asked respondents if they had any additional comments to make. 37 respondents provided responses to this question.

The anonymised quotes used in these sections to illustrate the varied responses received are a selection taken directly from the feedback survey. These quotes have not been altered in any way and are the views or beliefs of those taking part.

Nine respondents expressed some scheme concerns (excluding concerns about the cost of The Scheme and comments on timeline), which referred to environmental and visual impacts, disruption, upheaval, flood walls and objections towards the scheme.

- *'The project will have a huge carbon footprint.'*
- *'I understand the need for it but concerned about the upheaval and cost.'*
- *'It also occurs to me that these extensive walled stretches will become a fly tipping heaven for those that indulge in this scourge.'*
- *'Why are you not looking at upper catchment solutions? No need for 1 in 200 year protection'*

Six respondents expressed concerns over the cost, with mentions that businesses in the area which will be protected should participate in funding the scheme.

- *'Shouldn't be just put to Scottish Government, business in local area who benefit should invest as well.'*
- *'Unlikely The Scheme will be completed due to lack of funding.'*

Five respondents provided feedback on the engagement process stating the lack of proper process and made negative comments on materials and promotion of the events. Five respondents commented on proposed timescale of the scheme, especially around the length of time it would take to complete.

- *'Really against the idea of this. No proper consultation before going ahead and decisions made.'*
- *'Only if the timescale could be improved.'*
- *'Main concern is the ridiculous length of time it is taking. I wonder what will happen if the 200-year flood happens before completion date. Wish you would get on with it instead of plodding through due process.'*

Four respondents provided additional information about themselves (such as signing up for email updates), and the same number of respondents stated they do not have further comments and expressed general support for the scheme. These quotes have not been altered in any way and are the views or beliefs of those taking part.

- *'It is very well prepared and the staff are very helpful. Please keep me informed.'*
- *'I really hope this goes ahead. It is much better to be proactive rather than reactive.'*

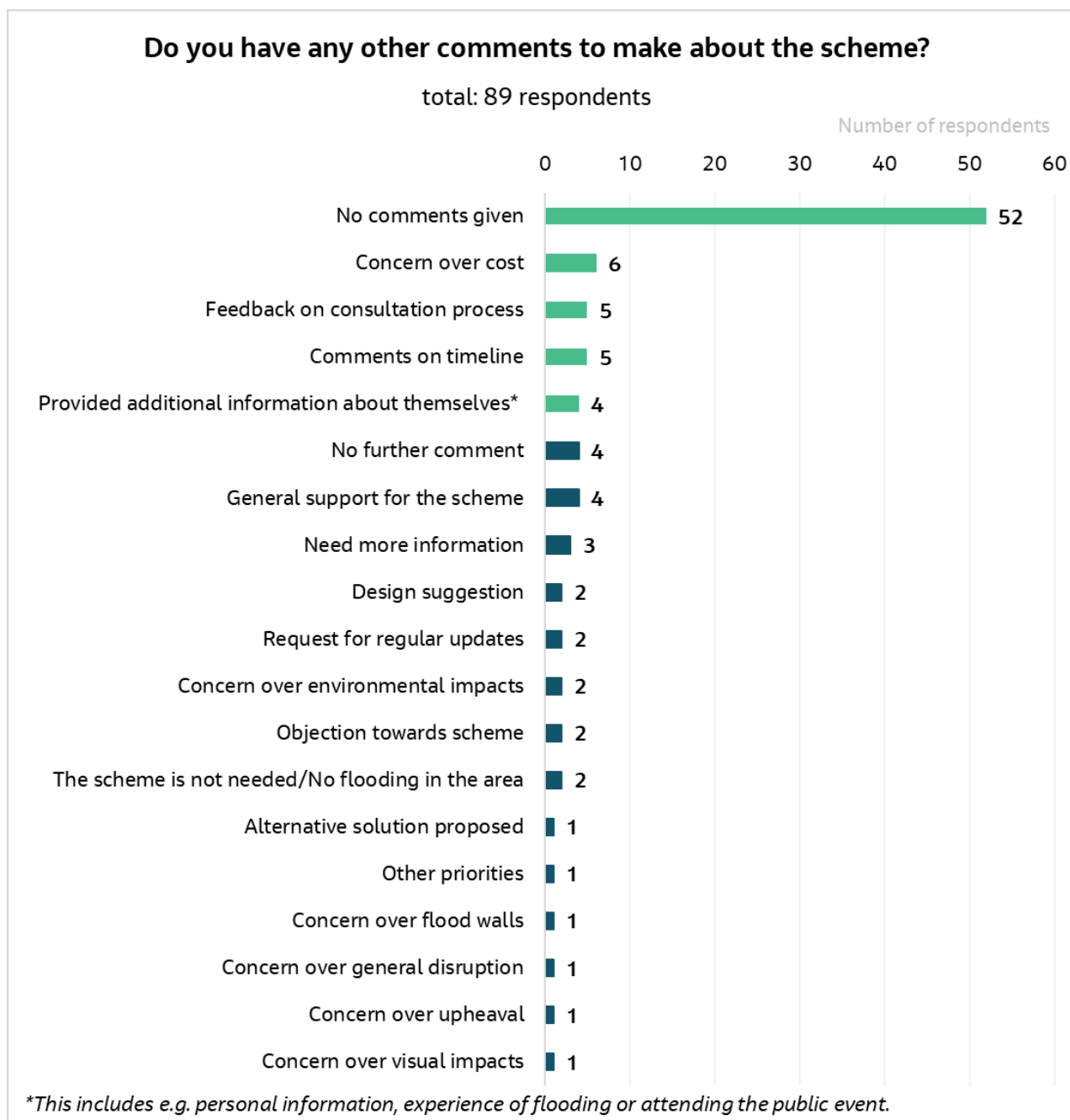


Figure 23 Do you have any other comments on the scheme

A full list of all comments for these sections is available in **Appendix D**.

4.3 Communicating With You Questions

Question 10 to 15 asked if respondents of the feedback survey if they would like to be kept up-to-date on The Scheme and receive regular updates and if so, how they would like to receive them.

Many of those attending the in-person sessions stated that they already received the Grangemouth Flood Protection Scheme newsletters via the post, email or read the public noticeboards.

Figure 26 below shows the preferred contact method selected by respondents who wished to be kept up to date.

The most popular method was by email chosen by 77% (51 respondents) of those who requested further information, 15% (10 respondents) preferred contact by post and 2% (one respondent) by phone. 8% (5 respondents) of those who wished to be contacted did not provide contact details. All individuals requesting to be kept updated will be informed by their indicated, preferred choice.

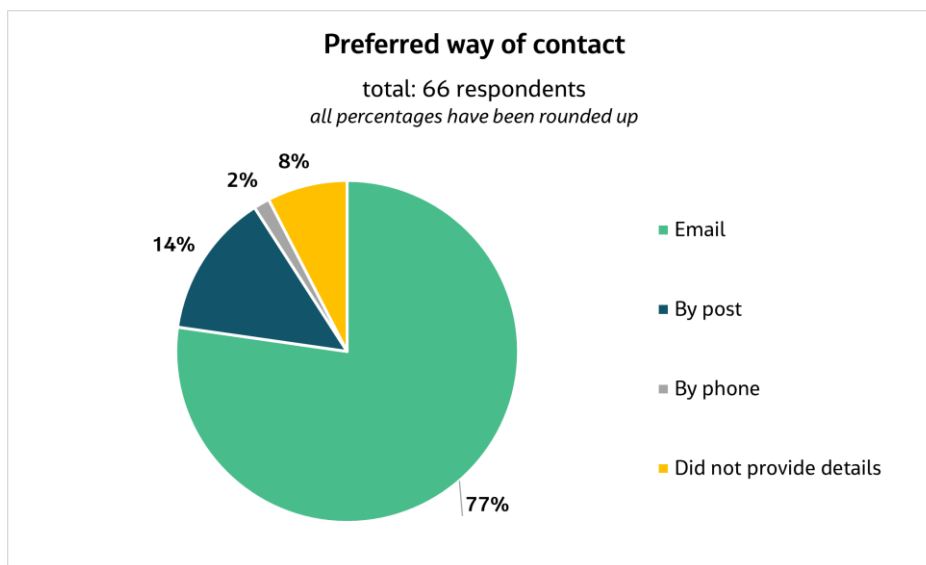


Figure 24: Preferred way of contact for being kept up-to-date on GFPS

4.4 Further Questions About You

In section three of the feedback survey, a range of further entirely voluntary questions were included to allow respondents to provide personal information which could assist the Grangemouth Flood Protection Scheme and Falkirk Council in helping to remove barriers to equality in communities or within certain groups.

The information will not be shared outside the project team or Falkirk Council and has not been included within this feedback report.

5. Next Steps

The Grangemouth Flood Protection Scheme will now progress to scheme notification. Statutory notices will be delivered to all properties that will be affected by the scheme. This will include those that benefit from a reduction in flood risk, land that will have flood defences constructed on or land that will be affected temporarily to allow construction of the defences.

This means that a statutory notice will be issued to every person, business and organisation whose land or property will be affected by the flood scheme. A total of around 10,000 notices were delivered for the start of the notification period on 9 May 2024.

During this time, if any persons would like to raise an objection to all or part of the scheme, they can do so in writing or by emailing objectionsgfps@falkirk.gov.uk by midnight on 16 June 2024.

If objections are received, Falkirk Council must make a preliminary decision to confirm, modify or reject the scheme.

Appendix A. Feedback Survey

Grangemouth Flood Protection Scheme Feedback Survey

Section 1

Privacy and your Personal Information

This survey is being carried out by the Stakeholder & Engagement team (Jacobs) on behalf of Falkirk Council for the Grangemouth Flood Protection Scheme.

The survey is being carried out under the Market Research Society (MRS) Code of Conduct and in line with the General Data Protection Regulation (GDPR) guidelines. Your data will be aggregated so you will not be identified in the reporting of the survey findings and the information gathered will be used to inform the work of the Grangemouth Flood Protection Scheme.

There is no minimum age for children to participate, but the Market Research Society (MRS) recommends 16 years as the minimum age for young persons to take surveys without their parent's consent and supervision.

What about children under 16?

Children under 16 can also take part in research, but **only when parents give their consent** and provide supervision during the survey.

Further information about data privacy and your rights under the GDPR can be found at the Information Commissioner's Office (ICO) website (data protection regulator) ico.org.uk/your-data-matters/.

You can find out more about Falkirk Council's privacy policy for community engagement at: <https://www.falkirk.gov.uk/privacy/people-communities/community-engagement.aspx>

Grangemouth Flood Protection Feedback Survey

The Grangemouth Flood Protection Scheme (GFPS) engagement events are the last engagement events before Falkirk Council commences The Scheme Notification process in Spring 2024.

For those that can't attend the in-person or online engagement events (details of all events are shown on the website), or wish to review the information already seen, you will be able to see the same information shown at the online and in-person events, at the virtual exhibition.

The virtual exhibition will be open from 4.00 pm on Monday 4 March until the 15th March 2024.

Information can also be found online at: www.grangemouthfloodscheme.com

Thank you for taking part in this survey.

Please provide your feedback by submitting this form before midnight on 15 March 2024.

1. Please Note: if you are under 16 you will need an adults permission to complete this form

Please confirm if you are:

- ☐ 16 years or over
- ☐ 15 years or younger

2. If you are aged 15 or younger, Please confirm that you have permission from an adult to complete this survey

Thank you

- ☐ Yes, I have permission
- ☐ No, I do not have permission

Section 2

Grangemouth Flood Protection Scheme

3. Please give the first 4 letters of your postcode *

Enter your answer

4. Are you a Resident, Business, Organisation or Other? please indicate: *

- ☐ Resident
- ☐ Business
- ☐ Organisation
- ☐ Other

5. If you have indicated 'other', or wish to give any further details about your organisation / business type please do so here. (optional)

Enter your answer

6. Do you agree with the need for the Grangemouth Flood Protection Scheme? *

- ☐ Yes
- ☐ No
- ☐ Maybe
- ☐ Not sure

7. How satisfied are you with the Grangemouth Flood Protection Scheme? *

- ☐ Extremely satisfied
- ☐ Very satisfied
- ☐ Somewhat satisfied
- ☐ Neither satisfied nor dissatisfied / undecided
- ☐ Somewhat dissatisfied
- ☐ Very dissatisfied
- ☐ Extremely dissatisfied

8. Is/are there any specific reason(s) for your choice above? Please detail here:

Enter your answer

9. Do you have any other comments to make about the scheme? Please detail here:

Enter your answer

10. Do you wish to be kept up-to-date on the scheme? *

Select your answer



11. Please give the title and name you wish to be addressed by:

Enter your answer

12. How would you like to be contacted?



Select your answer



Email

By post

By phone

Phone

13. Please give your email:

Enter your answer

14. Please give your full postal address and postcode

Enter your answer


15. Please give your full telephone area code and number:

Enter your answer

Section 3

Further Questions About You - 1 of 2

The following questions are voluntary, and it is entirely up to you if you wish to respond. These questions provide information to help us to ensure that the Grangemouth Flood Protection Scheme looks at removing barriers to equality in communities or within certain groups.

16. What age group are you in? (optional) 

Please select from drop down menu below:

Select your answer



Under 16 years of age

16- 24 years

25-34 years

35-44 years

45-54 years

55-64 years

65-74 years

75+ years

Prefer not to say

17. What is your ethnic group?

Choose option which best describes your ethnic group or background? (optional)

- ☐ White
- ☐ Mixed or multiple ethnic backgrounds
- ☐ Asian, Scottish Asian or British Asian
- ☐ African, Scottish African or British African
- ☐ Caribbean or Black
- ☐ Other ethnic group
- ☐ Prefer not to say

18. Please choose 1 box below which best describes your ethnic group? (optional)



Please select from drop down menu below:

Select your answer



Scottish

Other British

Irish

Polish

Gypsy / Traveller

Roma


Showman/Show-woman

Other ethnic group (please write in)

Prefer not to say

19. If you answered 'Other ethnic group' please, write below. (optional)

Enter your answer

20. If you answered 'Mixed or multiple ethnic groups', please choose 1 option which best describes you below? (optional) 

Please select from drop down menu below:

Select your answer

Scottish

Other British

Irish

Polish

Gypsy / Traveller

Roma

Showman/Show-woman

Pefer not to say

Other ethnic group (please write in)

21. If you answered Asian, Scottish Asian or British Asian, which best describes you?



Please select from drop down menu below:

White

Select your answer



Chinese, Scottish Chinese or British Chinese

Pakistani, Scottish Pakistani or British Pakistani

Bangladeshi, Scottish Bangladeshi or British Bangladeshi

Indian Scottish Indian or British Indian

Other please write in

Prefer not to say

22. If you answered African, Scottish African or British African



Please write in (for example Nigerian, Somalian)

Enter your answer

23. If you answered Caribbean or Black

Please write in (for example Scottish Caribbean, Black Scottish)

Enter your answer

24. Other ethnic group

- ☐ Arab, Scottish Arab or British Arab
- ☐ Other

25. If you answered 'Other'

Please write in:

Enter your answer

Section 4

Further Questions About You - 2 of 2

The following questions are voluntary, and it is entirely up to you if you wish to respond. These questions provide information to help us to ensure that the Grangemouth Flood Protection Scheme looks at removing barriers to equality in communities or within certain groups.

26. Do you have caring responsibilities?

Please select from drop down menu below:

Select your answer



27. If 'Yes' please select all that apply

- ☐ A primary care of an older person
- ☐ A primary carer of a disabled child/children
- ☐ A primary carer of a disabled adult
- ☐ A primary carer of child/children
- ☐ Other
- ☐ Prefer not to say

28. If you answered 'Other'

Please write in: (optional)

Enter your answer

29. Do you have any of the following which have lasted or are expected to last at least 12 months? (Select all that apply)

- ☐ Deafness or partial hearing loss
- ☐ Blindness or partial sight loss
- ☐ Full or partial loss of voice or difficulty speaking (a condition that requires you to use equipment to speak)
- ☐ Learning disability (a condition that you have had since childhood that affects the way you learn, understand information and communicate).
- ☐ Learning difficulty (a specific learning condition)
- ☐ Development disorder (a condition that you have had since childhood which affects motor cognitive, social and emotional skills and speech and language).
- ☐ Physical disability (a condition that substantially limits one or more basic physical activities such as walking, climbing stairs, lifting or carrying)
- ☐ Mental health condition (a condition that affects your emotional, physical and mental well-being)
- ☐ Long-term illness, disease or condition (a condition, not listed above, that you may have for life, which may be managed with treatment or medication)
- ☐ Other - Please write in below
- ☐ No condition
- ☐ Prefer not say

30. If you replied 'Other' or wish to give any further details please write below (optional)

If not please leave blank.

Enter your answer

Thank you for your time.
Your response has now been submitted.

(If you are under 16 years of age you will need to confirm you have permission of an adult before you will be able to try to complete this survey again).

For the most up-to-date information on The Scheme please visit:
www.grangemouthfloodscheme.com

Appendix B. All Comments recorded from Feedback Survey

All data has been aggregated so individuals, businesses or organisations etc will not be identified in the reporting of the survey findings. The information gathered will only be used to inform the work of the Grangemouth Flood Protection Scheme.

When asked '**How Satisfied you are with the Grangemouth Flood Protections Scheme ?**' Respondents were also asked 'Is there any specific reasons for your choice above? Please detail here.' In reply to this there were 69 responses received all are detailed below. These comments have not been altered in any way.

Comments

Responses	
1	You seem to be doing everything to have the affected area to look undisturbed once all work finished.
2	N/a
3	No details for our area. No defences to be built there according to the plan but in area impacted
4	I would like to know why the only option is to build a wall the burn is much narrower than it was originally. It needs cleared of all the overgrowth. It has not been maintained properly for years. Also do you have records of when the trees were planted as you are saying they are at the end of there life.
5	I have concerns over the cost, the upheaval to Grangemouth, how the flood defences will look and I don't want mature trees to be removed.
6	So many unknowns at the moment
7	Yes I do not want a 6 foot wall built 2 metres from my house
8	I'm not sure where the statement that many trees were coming to the end of their natural life comes from. Being cut down to facilitate this, to my mind, doesn't count.
9	It would appear scheme designed to protect ineos and not Grangemouth
10	Costs and actual need for such a system.
11	Too expensive, money should be spent on upgrading the existing infrastructure
12	Concerned about flooding
13	Some of it could be changed to suit some of the residents
14	On initial viewing it seems to have been thought out and provided for. I liked the video and watched it first before reading the boards .
15	Did not have enough info. Rumours etc
16	Missed opportunity to create active travel routes such as cycle path along Grangeburn Road to take pressure off Bo'ness Road & create safer route particularly if small bridge built over burn at the bend up the road taking walkers /cyclists safely

	towards Old town / canal area without having to go along Bo'ness Road (see other research commissioned by Falkirk Council).
17	Engagement events discussion & boards very helpful & answered any worries as a resident living within yards of proposed "defence."
18	Are the walls going to be high enough?
19	It is needed
20	Need to protect people's way of lives, property & business opportunities in the local area
21	Visual implications and concerns about funding
22	Our property was flooded in 2019 and since then there has been no resolutions to the issues from the Polmont Burn
23	Damage to property by tree felling & piling, disturbing wildlife
24	I am reassured about the trees
25	I stay in Burnbank Road across from the burn. This has been getting to bursting quite a few times recently. Is there any prospect that this will be looked at also or will the water be directed to Rannoch Park and therefore not burst down Burnbank Road..
26	Lack of transparency and engagement before presenting plans which residents need to face day in day out.
27	It is obviously a well thought of scheme, which is essential for Falkirk district
28	The town has not flooded in a significant time. Walls thrown up, trees ripped out. Shocking!!
29	Preparation for the future
30	There is no interest in the farmland of Bothkennar
31	All looks good, But I do not have technical knowledge to fully assess
32	It is very informative
33	Don't seem to be clear to some aspects of design or requirement
34	The River Carron impacts on my house insurance
35	Happy with all I have seen to date
36	Pleased there is proactive planning
37	Disruption to garden concerns
38	Local resident
39	Sorry, I do not know enough about the mechanics of flood prevention to judge. But what I have seen from the exhibition it seems a good start
40	Personal knowledge plus O.U degree Environmental Science
41	Seems to be well thought out
42	The burn and overflow need dredged and restored to how they used to be not parts joining together in the middle
43	In this day and age building a £500m 4ft wall for a burn that has flooded once in 91 years astounds me! The burn is not properly looked after, but as usual it's a quick ugly fix that is proposed rather than regular ongoing maintenance and no thought to existing trees and how a wall will look

44	It's obvious that more rain and rising sea temperatures are already impacting us so totally support The Scheme for the sake of the future of this area, happy that old trees will be replaced.
45	Probably a strange viewpoint, but it would be better if there wasn't buildings/industries to protect on a flood area, but if you are going to do it it does seem sensible. I understand the concept but there's a lot else could do with 500m
46	It seems we'll researched
47	No one knows for certain if the defences in their initial form will do the job.
48	Concerned it won't happen
49	Fear we will be at far higher risk of severe flooding as a result of the proposed flood prevention scheme.
50	No
51	Satisfied that the wall along abbots road will be clad. Sorry that all the trees have to come down.
52	Looks well researched and unintrusive
53	Comprehensive in scope Appropriate in scale Protects businesses and households Efforts being made to mitigate environmental damage
54	It is really needed
55	Impact on area where I reside
56	I'm happy that The Scheme is going ahead. I'm not happy that the trees between the Grange burn and the Grangeburn road are not being replaced.
57	While it may need some amendments the overall scheme makes a great deal of sense.
58	Business- farm
59	It is needed.
60	If it's needed so be it. Need to be sensitive to other needs and issues in town
61	Cost, possible over run of costs, where the money is coming from. Surely major businesses should be paying a proportion contribution to the cost of the scheme. Need more clarity on this.
62	Still in planning stages
63	It looks like a good appraisal (risk assessment) of the areas affected have been carried out
64	I attended the briefing today on Teams, it all seems very well thought out and necessary.
65	Natural Flood Management has not been fully explored. Tree loss is significant. Lack of proper consultation. Cost to council.
66	Rushed flood scheme to get cycle one funding without proper consultation with the community.
67	In all my 45 years in Grangemouth and living next to the grange burn, I have never known it to flood. the only time we have had flooding was due to a burst water main further up park road. it is a lot of money that I personally think could be better

	spent in regeneration of the town. Also, the actual flood defence wall itself looks like grey stone - if that is correct, it will make us feel like we are living in a ghetto.
68	There appears to be a lack of urgency given the impending nature of events
69	Loss of trees - I would rather Abbots Road and Grangeburn Road were narrowed to protect the existing trees.

When asked 'Do you have any other comments to make about the scheme? Please detail here.' Thirty-seven responses were received, all are details below. These comments have not been altered in any way.

Responses

Responses	
1	Main concern is the ridiculous length of time it is taking. I wonder what will happen if the 200 year flood happens before completion date. Wish you would get on with it instead of plodding through due process.
2	Shouldn't be just put to scottish government , business in local area who benefit should invest as well
3	Are you starting the FPS in the areas that actually flood on a regular basis such as Carron etc as Grangemouth residents haven't been affected by flooding in nearly 70 years.
4	The quality of the display boards at the event was quite poor in places with low resolution images making them difficult to interpret. It also occurs to me that these extensive walled stretches will become a fly tipping heaven for those that indulge in this scourge. The future of Ineos may determine any outcome and perhaps the bill for this necessity could be funded by whatever comes then. In previous times, Industry looked after the town, those that run these endeavours now are only interested in themselves.
5	Really against the idea of this. No proper consultation before go ahead and decisions made.
6	Downplays the noise and disruption that will be caused, timescale is not really clear. Do cost estimates allow for inflation?
7	No
8	I understand the need for it but concerned about the upheaval and cost. I am concerned that F Council is spending all this money on these information evenings & we don't seem any further forward. This one was more helpful but it was put together by a company from Essex. Really!!! How much did that cost??
9	I am on email list
10	Lots of unknown
11	I would like to be kept up to date on the timescale for the works, especially around the Polmont Burn & priority given to this to avoid over property being flooded again

12	River flood protection more important than trees
13	Yes I would like more details on the works
14	I actually believe that communication is key, understanding the area, the people and making sure they feel they are part of the process. People feel they were not consulted before plans had been drawn up, when they were presented their feedback was not taking into consideration. Feed back and engagement has been bitty, inconsistent. You keep asking people if they want to be consulted and when they do you fail to keep them Consulted!
15	No
16	Gone about it the wrong way. A lot of residents to Grangemouth are angry. Dredge the burn between Rannock Park & King Seat Avenue Bridge. The burn is in a terrible state.
17	You already have all my details I get the emails
18	It is very well prepared and the staff are very helpful. Please keep me informed
19	I really hope this goes ahead. It is much better to be proactive rather than reactive
20	Only if the timescale could be improved
21	N/A
22	Reassured
23	Waste of money that hasn't yet been awarded
24	I really hope this does not get funding
25	It looks pretty comprehensive
26	Waiting to see how it develops
27	It looks as if it will be aesthetically pleasing, but will it be enough.
28	Timescale
29	The project will have a huge carbon footprint.
30	No
31	3 Mathew Court Grangemouth FK3 8JH 01324872205
32	Sheet piling on the north side of the Grangeburn at the above location would be unsightly. Walling would be preferable
33	Unlikely The Scheme will be completed due to lack of funding
34	Ensure a comprehensive mix of Scottish trees in the replacements.
35	Not advertised enough all online people don't all have online access
36	Why are you not looking at upper catchment solutions? No need for 1 in 200 year protection
37	This needs to be seen as a PRIORITY!!

Appendix C. Exhibition Boards

These are the information boards used at all in-person and online events, including the virtual exhibition.

They can also be seen at <https://www.grangemouthfloodscheme.com/engagement-event-no-4>



Extent of the Flood Risk

The scheme will protect against all floods up to a 1-in-200 year flood (or a medium probability that a flood will happen). The flood extents shown below are based on predictions for the year 2030.

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Cost and Benefits of the GFPS

- The scheme will protect communities in Grangemouth, Wholeflete, Grangemouth, Langhwa, Carron, Carronshore and Carron (Stirling Road)
- Key national commercial sites will be protected including the industrial complex and Port of Grangemouth
- The scheme is estimated to cost £1450-172 million
- The Scottish Government has committed to work with Falkirk Council and partners to secure an appropriate funding model
- The scheme could prevent £2.4 billion of damages across the scheme area
- The scheme will also support communities to be more flood-resilient

2,780
Properties
Protected

1,200
Non-Residential
Properties

8,625
People

20km
of road

...will directly benefit from the scheme

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Types of Flood Defences

- The construction of flood defence walls will vary by location
- Stone defences will be used to retain or reinforce existing walls or to replace them with a more robust structure
- Concrete defences will be used to replace existing walls or to replace them with a more robust structure
- Flood gates will be used to retain or reinforce existing walls or to replace them with a more robust structure
- Flood gates will be used to retain or reinforce existing walls or to replace them with a more robust structure
- Flood gates will be used to retain or reinforce existing walls or to replace them with a more robust structure

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Types of Flood Defences

- Flood gates will be used to retain or reinforce existing walls or to replace them with a more robust structure
- Flood gates will be used to retain or reinforce existing walls or to replace them with a more robust structure
- Flood gates will be used to retain or reinforce existing walls or to replace them with a more robust structure
- Flood gates will be used to retain or reinforce existing walls or to replace them with a more robust structure
- Flood gates will be used to retain or reinforce existing walls or to replace them with a more robust structure
- Flood gates will be used to retain or reinforce existing walls or to replace them with a more robust structure

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Carron and Carronshore Flood Defences

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Carron and Carronshore Flood Defences

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12



13



14



15



16



17



18

Stirling Road Flood Defences

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19

Port and Industrial Area Flood Defences

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20

Port and Industrial Area Flood Defences

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Managed Adaptive Approach to Flooding

- Future climate change risk is uncertain therefore The Scottish Government and SEPA encourage local authorities to adopt a **managed adaptive approach** when developing a flood protection scheme
- A managed adaptive approach means designing flood protection measures so they can be modified or extra measures added in the future
- The GFFS defences will be designed with **larger foundations** to allow the heights to be increased in the future
- Other Natural Flood Management options and Flood Storage may also be considered in the future to help reduce the impact of climate change

Designing foundations with future flexibility

Adaptive actions will be considered through the Flood Risk Management planning process

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Supporting Surveys and Assessments

The GFFS project team has completed:

- Land and Water Habitat Surveys
- Bat Surveys
- Bird Surveys
- Ground Investigations
- Targeted Habitat and Protected Species Surveys
- Carbon Impacts
- Tree Surveys

The team has also engaged with Stirling, Historic Environment Scotland and NatureScot

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Environmental Impact Assessment

An Environmental Impact Assessment (EIA) has been conducted for the scheme

- The scheme aims to provide a positive impact on biodiversity
- Flood defences will use materials appropriate to their location
- The following mitigations will be implemented during construction:
 - Restricting works to **certain times** of the year or constructing replacement or enhanced habitats
 - Noise and vibration** monitoring will be implemented
 - There will be monitoring of **groundwater, air quality and gas** due to presence of possible contamination
 - Measures to **reduce dust** will be implemented

The results of the EIA will be presented in the EIA Report which will be made available when the scheme is published

An Environmental Impact Assessment looks at:

- Population and Human Health
- Biodiversity
- Noise and Vibration
- Water Environment
- Soils, Geology and Land Contamination
- Cultural Heritage
- Traffic and Transportation
- Cumulative Effects

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Grangemouth Flood Protection Scheme Engagement Event No. 4 Feedback Survey Report

Trees





- Trees will only be removed in the working area where there is no practical alternative or where damage to roots, because of construction, would impact on the life expectancy of the tree
- Tree surveys have been completed to document the age and condition
- Some trees are nearing the end of their natural lifespan or have structural defects or disease, such as Ash Dieback
- Any trees that will be replaced in situ with appropriately sized new trees
- The GFPS target is that for every tree removed, three new trees will be planted throughout the scheme area

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Trees in Zetland Park and Abbots Road

- The design of GFPS has evolved to retain as many trees as possible
- The vast majority of trees within Zetland Park will be unaffected by the proposed flood defences
- Crown reduction may be required on the avenue of trees adjacent to flood defence wall





- The avenue of trees next to Abbots Road would be removed to allow construction of the flood defences as the area of land is narrow
- Every tree removed in Zetland Park or Abbots Road will be replaced with a new 4-metre high tree where practical

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What is the Statutory Process for the GFPS?




The flowchart outlines the following steps:

- Publication of Scheme Documents**: The Council will publish the Scheme Documents and make the Scheme Documents available during the objection period. These will be available on our website and at all council buildings.
- Objection Period**: If anyone wishes to object to the scheme, they must do so by writing to the Council or by email to grangemouthfloodscheme@ncl.gov.uk.
- Preliminary Decision**: If objections are received, the Council must make a preliminary decision to confirm, modify or reject the Scheme.
- Public Local Inquiry or Local Hearing**: If a preliminary decision is made, the scheme is referred to British Waterways to decide to build a Public Local Inquiry (PLI). You attend the Council to hold a Local Hearing.
- Final Decision**: A Final Decision can be made after the scheme has been made. If no objections are received or following a PLI or Local Hearing, British Waterways can grant legal authority to proceed with works after satisfying a notice indicating the scheme is not objected.

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Timeline



The timeline shows the following key milestones:

- Identify the Scheme (2021)
- Open Collection and Outline Design (2021)
- Exhibition & Engagement (2021)
- Statutory Process (2021)
- Detailed Design (2022)
- Enabling Works (2022)
- Construction Works (2022)
- Completion (2023)
- Operation (2023)
- Long-term (2024)

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Virtual Exhibition and Feedback Survey

- If you know anyone who could not attend today's session, or you would like another look at the materials shown today, please visit our virtual exhibition at grangemouthfloodscheme.org.uk/virtual-exhibition.
- The virtual exhibition will be open until 5pm on 15 March 2024.
- Please also take time to fill in the exhibition feedback survey.
- There will also be a final online meeting session on 11 March 2024. If you would like to attend, you will be required to register via our website.
- If you would like more information on the GFPS, you can email us at grangemouthfloodscheme@ncl.gov.uk.



grangemouthfloodscheme.com @grangemouthfloodscheme

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Appendix D. Questions from the Online Events and the Answers

All data has been aggregated so individuals, businesses or organisations etc will not be identified in this report. The information gathered will only be used to inform the work of the Grangemouth Flood Protection Scheme.

These are the questions with answers given at the online event recordings.

Questions from online events February and March 2024

Q: What have the Scottish Government committed to in monetary terms at present? "Appropriate funding model" maybe needs clarification for lay people, like me.

A: When Flood schemes were prioritised in 2016, annual budget was put aside for prioritised flood schemes. Over time, some schemes have had increasing costs, so the Scottish Government (SG) have been reviewing funding available and how to fund flood scheme projects across Scotland. The Scottish Government has committed to work with Council to determine the funding and that may be different from other schemes. The GFPS funding model might look similar to the model used for the Scottish National Infrastructure Bank or other private financial initiatives. At the moment we cannot say what the model will look like. However, we can confirm SG is committed and a taskforce is being setup to look at and decide on the funding model.

Q: Can you explain why you have left a gap between Chapel Burn and Gilfillan Place, and can you confirm that there will be no issues for those of us without any wall.

A: The simple reason is that the existing ground or land is already high enough that we do not need flood defences at this point. Flood defences are only provided where the ground is lower than predicted flood water level. Extensive computer modelling has been done of the watercourse, to look at rainfall and predicted water levels, considering tide levels and waves.

Q: The shape of the river and water flow could cause issues including erosion?

A: Our computer modelling includes the shape of the river as one of the key data inputs. This modelling also looks at the flow and velocity of the water and allows us to assess whether erosion is likely to be an issue or not.

Q: What is the current design level AOD of the proposed defence structures? I'm particularly interested in the area south of Wholeflats Road? And I would also like to know what is to be the designed freeboard level above the flood level.

A: This is a complex area due to River Avon, the flood relief channel and the Millhall Burn which all have impacts on the design flood level for this area. There isn't a single design

level as it will vary along the length of Wholeflats Road. This would be better discussed offline as we understand you are looking at a proposed development. Please contact Falkirk Council's flood team in the first instance at flooding@falkirk.gov.uk

Q: We live in [REDACTED] and there has been significant erosion of the bank in our 20 years here. Keen to remain engaged as your plans develop.

A: We will keep the whole community informed and if you are unable to attend any of our in-person sessions, please email the GFPS in box and we will set up a discussion with you face to face.

Q: Bit concerned towards the end when it said things would not be done sequentially? Surely it would be quicker if you start at multiple work fronts. Working from one end to the other will be longer, surely?

A We have examined different ways of phasing the project, especially looking at which areas would be constructed at the same time without causing too much disruption e.g. you could work in the residential areas and the industrial areas without too much interaction. We also need to consider flood risk, as constructing the defences in one area could increase the flood risk to another area. It is usually preferable to start at the downstream end and work upstream end. Phasing hasn't been completely finalised and will depend on the availability of funding to take individual areas forward.

Q Do you have a separate Benefit Cost Ratio for residential and industrial areas?

A: Benefits of scheme are built up from number of factors: damage avoided to residential, and industrial areas and other things. As we are taking forward the entire scheme, we have not sought to separate the residential benefits from the industrial

Q: Why are you starting at upstream residential areas rather than the lower-lying area of Grangemouth and the estuary - surely there is more immediate return for our money in tackling the larger areas more likely to flood? Why run the risk of running out of funds and be stuck with the higher risk areas remaining unprotected?

A: The decision on phasing so far is to focus on residential first and then the industrial areas, but when looking at each, we will consider what is the existing flood risk in any particular area and that would, amongst other considerations, be used to determine the final phasing strategy. Funding will also have a bearing on the phasing strategy as we may need to look initially at low cost quick wins. Another key consideration is whether building in one area would impact another area because we would be removing flood storage during construction. In an ideal world, you would start downstream and work up, but this cannot always happen due to various other mitigating factors. There are 18km of defences, which is large, so they cannot all be built at once. We also need to consider the management and resourcing of contracts.

Q: How is this scheme being funded?

A When national flood schemes were prioritised, the Scottish Government undertook to fund alongside local authorities. We are still in this position. We are regularly meeting with the Scottish Government to discuss funding. It is anticipated that the majority of funding will come from the Scottish Government. When flood schemes were prioritised, the Scottish Government and local authorities undertook a commitment to fund development and construction, with the Scottish Government funding 80% of the cost with the remaining 20% to be funded locally.

GFPS is still in this position and has funding in place to proceed through statutory notification. The Council and the Scottish Government have also agreed to establish a Taskforce which will continue to provide project governance and consider appropriate funding mechanisms for future construction stages. These discussions are ongoing and will continue to be progressed during Scheme Notification to ensure that sufficient funding is secured to enable construction to commence as soon as practicable after The Scheme is confirmed.

Q: How will you balance the risk of flooding from coastal flooding upstream with heavy rainfall drifting downstream? Obviously, they are conflicting in terms of flood defence management.

A: We have considered a range of joint probability events: whether it is predominantly rainfall driven or from extreme tide levels. The design flood event is not based on a 1 in 200-year rainfall, based event occurring at the same time as a 1 in 200-year tidal event. In certain areas, tidal or coastal events may dictate the height of defences, but in other areas, it may be the rainfall/ river flow which has dictated the height of flood defences.

Q: Are you thinking about how probability will increase due to extreme weather patterns and sea level rise.

A: What we class as 1-in-200-year event now, in 50 years' time will occur much more frequently. This scheme cannot be built and then forgotten. Larger floods will become more frequent, and it is likely that at some point in the future further interventions may be required. If you do not do anything, defences could be overtopped in the future. We are designing The Scheme now for something we have more certainty of, but also preparing for the future and additional defences that may be needed. All of this will be under constant review as part of the cyclical flood risk management process in Scotland where the national and local flood risk management strategies are reviewed every six years.

Q: Will there be a team managing flood risk management? For example, discharge from major flood events, someone deciding on which flood defences will be utilised in the scheme?

A: The Scottish Environment Protection Agency (SEPA) has launched a new flood warning scheme for River Carron, which will give advanced warning of flood risk events. When we reach the stage when The Scheme is complete, this may need updated by SEPA as the river will respond differently. These forecasts and those on the Forth Estuary allow Falkirk Council to consider what actions are required, in conjunction with other emergency responders and the can then deploy resources to close flood gates or erect demountable defences.

This is not any different to what the council does at present. The Council deploys demountable barriers in other areas when flood warnings are provided. If this scheme goes ahead, there will be further defences that will need maintained and deployed and this is all being considered.

Appendix E. Media Release



12 February 2024

Dates for Engagement Events for Grangemouth Flood Scheme Launched

- Public urged to attend events to inform local people of final proposed designs
- Five in-person events will be held across The Scheme area
- Two online events covering the full scheme will also be available to attend
- There will also be a new virtual exhibition displaying The Scheme information to accompany events
- GFPS will formally start scheme notification at the end of March after Falkirk Council approved this move

Date	Time	Locations
Thursday 29th February 2024	19:00-20:30	Online Microsoft Teams session Please visit our website to register
Monday 4th March 2024	16:00-20:00	Grangemouth Town Hall 27 Bo'ness Road Grangemouth FK3 8AN
Tuesday 5th March 2024	10:00-14:00	Grangemouth Town Hall 27 Bo'ness Road Grangemouth FK3 8AN
Wednesday 6th March 2024	11:00-20:00	Carronshore Bowling Club 25 Beaumont Drive Carronshore FK2 8SN
Thursday 7th March 2024	12:00-19:00	Camelon Social Club 2 Nailer Road Camelon FK1 4DA
Friday 8th March 2024	11:00-19:00	Bowhouse Community Centre 130 Bowhouse Road Grangemouth FK3 0BQ
Monday 11th March 2024	11:00-12:30	Online Microsoft Teams session Please visit our website to register

The Grangemouth Flood Protection Scheme (GFPS) is launching a series of in-person and online events as it moves towards Scheme Notification at the end of March.

Falkirk Council and the GFPS team will be hosting seven events for members of the public to speak to experts and gather information on the Flood Protection Scheme's final proposed design aimed at protecting 6,025 people, 2,760 residential properties, over 23km of local roads and 1,200 commercial properties, including national industry.

Scheme notification is similar to an application for planning permission for development which gives notice of the proposed scheme to everyone within the local authority, who may have interest in any land or premises which would be impacted by The Scheme across Grangemouth, Wholeflats, Glensburgh, Langlees, Carron, Carronshore and Camelon (Stirling Road).

Falkirk Council said:

"The nationally important flood scheme is moving towards scheme notification and it is vitally important that local people and businesses understand its impact and how it may affect their property. I would urge everyone with an interest to attend the events so they can see the final designs and have a chance to ask any questions before we start the formal notification process."

Affected properties will receive notification information later in March and it is important that they can see in detail all The Scheme information."

The series of engagement events will take place between Thursday 29 February and Monday 11 March, which include two online events and five local in-person events. These events will be accompanied by a virtual exhibition.

Attendees will have the opportunity to see the final proposed design, learn more about the scheme, what the notification process is and what it means and give people a chance to speak to experts.

In-person events will take place in Grangemouth Town Hall (March 4 and 5), Carronshore Bowling Club (March 6), Camelon Social Club (March 7), and Bowhouse Community Centre (March 8). There will also be two online events on February 29 and March 11. Please note that registration will be required to attend the online events.

For those unable to attend these events, a virtual exhibition will also be available at and will run alongside the events from March 4 to March 17. You can access the virtual exhibition via the GFPS website at <https://www.grangemouthfloodscheme.com/>

Notes to editors:

As the largest flood defence project in Scotland and one of the biggest in the United Kingdom, the Grangemouth Flood Protection Scheme was identified as the highest national priority given the

potentially significant impacts for the community if an extreme flood event were to occur. While other parts of Scotland have been affected by flooding over the last five years, the Grangemouth area has fortunately avoided significant flooding. However, the town and surrounding communities are at risk of fluvial and coastal flooding impacts.

On completion, The Scheme will protect 6,025 people, 2,760 homes, 1,200 non-residential property and road and rail infrastructure. It will also provide 28km (17 miles) of flood defence walls, embankments, the installation of flood gates, flow regulation measures and drainage work. The Scheme will also include works at the entrance to the Port of Grangemouth and within the petrochemical complex.

Falkirk Council is determined, through the scheme, to provide better protection for Grangemouth and surrounding areas and is working with its consultant Jacobs to design, plan and deliver the new flood defences.

Follow GFPS on Twitter/X, Facebook and YouTube@grangemouthfps.



Appendix F. Newspaper Advertisement

Falkirk Herald 22 February 2024

Falkirk Herald

URN: SFA6002949 Date: 2024-02-22 Section: ROP
Advertiser: Jacobs UK Ltd Page: 17/80



Thursday, February 22, 2024

THE FALKIRK HERALD

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NEWS



Grangemouth dockers with some of the 300 chocolate eggs they donated to the Inchyra Park Easter Egg Hunt.

Dockers big choc donation

Grangemouth's annual Easter Egg Hunt is next month and donations are already rolling in. This year's event, organised by Friends of Inchyra Park, takes place from 1pm on Sunday, March 31. A Friends of Inchyra Park

spokesperson said: "We received a donation of over 300 Easter eggs from Grangemouth dockers. They have supported the event in the knowledge we are hoping to collect over 1000 eggs to give away for free at our annual hunt."

"Their kind donation was topped up by an offer of providing volunteers for the day. We are truly grateful for the donation." As well as the chocolate egg hunt there will be stalls, inflatables, a fire engine, play bus and music on the day.

Incident on train

A man has been charged with attempted murder or following an incident on a train on Friday evening. Officers from British Transport Police (BTP) were called to Larbert railway station following reports of a disturbance on a train.

A 49-year-old man was arrested at the station. Police said a man was in a serious condition in hospital following the incident. A spokesperson for the British Transport Police said: "A 49-year-old man has been charged with attempted murder, assault, and possession of an offensive weapon following an incident on board a train heading to Larbert railway station around 7.40pm on February 16."

"He will be remanded in custody until his appearance at Falkirk Sheriff Court on February 18. A man in his 40s is in a serious condition in hospital. A second man in his 30s has been released from hospital."

Nasty neighbour stuck with £75 bill

Ian Forbes, 49, appeared at Falkirk Sheriff Court last Thursday having pleaded guilty to reckless destruction of property by putting superglue in a garage lock at an address in Brookie Street, Grangemouth on October 3 last year.

He also admitted threatening behaviour - making threats of violence towards neighbours - at the same location two days later. Mandy Jones, procurator fiscal deputy, said: "The witness noticed he could not put his key in the garage door lock - it had been glued shut with superglue."

The cost of the damage was £75 and Forbes was not long in letting his neighbour know what he thought of being arrested for the crime.

The accused was standing on the other side of the street," said the procurator fiscal deputy. "He began shouting towards the wit-

ness, referring to him as an 'old rat'. The accused continued to shout and swear, using threats of violence."

"He said if the witness was a younger man he would knock him out and added 'there's no point fixing the lock, I'll glue it again along with your car and your house'."

Defence solicitor John Muirhead said Forbes had undergone a "physical and mental deterioration" over the last few years, adding "he did not carry out any of the threats he made."

Sheriff Maryam Labaki said: "This appalling behaviour. The damage you caused and the behaviour in general is disgraceful."

She ordered Forbes, 3 Brookie Street, Grangemouth, to pay the complainant in the case £75 compensation and placed him on a deferred sentence for six months.

Carer made cop threats

Court Reporter
@scotlandscourts
@falkirk_herald

A young carer who looks after his mum did not seem to care suddenly about the cars he was kicking or the police officers he was struggling with one drunken drugged up morning.

Jake Howieson, 22, started his violent behaviour by kicking out at parked vehicles and then challenged their owners to a fight, before police arrived and had to forcibly restrain him.

He appeared at Falkirk Sheriff Court last Thursday, having pleaded guilty to threatening behaviour at an address in Moffat Avenue, Carronshore and in Forth Valley Royal Hospital on February 12 last year.

Procurator fiscal deputy Mandy Jones said: "It was

7.30am and the witnesses heard a car being parked and shouting coming from outside in the street. They saw the accused take a couple of kicks at their car that was parked in a lay-by."

"The accused then started kicking another car which was parked in the driveway. The witnesses tapped on their window and told the accused to go away. He shouted at them 'do you want a fight' and swung a punch."

Police were called and eventually officers had to lay on top of Howieson to restrain him.

The procurator fiscal added: "The accused was taken to Forth Valley Royal Hospital to be seen in relation to alcohol and drug intoxication. It was extremely busy with lots of patients and the accused had to be restrained again."

"He became verbally abusive towards police, calling one officer a 'bitch' and saying 'wait and see what happens when I get out of these cuffs - just give me half an hour', headbowed 'I'm laughing because I know what I could do to you'."

The court heard Howieson had no previous convictions and was the carer for his mother who suffers from brain damage. Sheriff Maryam Labaki said: "This is a very unpleasant incident. I know you care for your mother, who has significant needs, but police officers are not to be abused by members of the public in this way."

She placed Howieson, 35 Quattronhall Crescent, Carronshore, on a community payback order with the condition he completes 75 hours of unpaid work within 12 months.



Grangemouth Flood Protection Scheme

Engagement Events

The Grangemouth Flood Protection Scheme (GFPS) will be holding a series of drop in events in late February and early March. All online and in person events are open to the public.

You'll be able to look at the final proposed design for the scheme and ask questions to our experts. These are the final engagement events before Falkirk Council commences the Scheme Notification process in Spring 2024. For more information please visit: grangemouthfloodscheme.com

Date	Time	Locations
Thursday 29th February 2024	19:00 - 20:30	Online Microsoft Teams session Please visit our website to register
Monday 4th March 2024	16:00 - 20:00	Grangemouth Town Hall 27 Bo'ness Road Grangemouth FK3 8AN
Tuesday 5th March 2024	10:00 - 14:00	Grangemouth Town Hall 27 Bo'ness Road Grangemouth FK3 8AN
Wednesday 6th March 2024	11:00 - 20:00	Carronshore Bowling Club 25 Bo'ness Road Carronshore FK2 8SN
Thursday 7th March 2024	12:00 - 19:00	Camelon Social Club 2 Hailes Road Camelon FK1 4DA
Friday 8th March 2024	11:00 - 19:00	Boathouse Community Centre 130 Boathouse Road Grangemouth FK3 0BQ
Monday 11th March 2024	11:00 - 12:30	Online Microsoft Teams session Please visit our website to register

Appendix G. Radio Advertising



Radio advertising with the local radio station was commissioned and played 35 times over the week from Monday 26 February to Sunday 3 March 2024 which was prior to the actual event dates (29 February to 11 March).

Airtime Schedule							
	Mon	Tue	Wed	Thurs	Fri	Sat	Sun
06:00-10:00	2	1	2	1	2		
10:00-13:00	1	1	1	1	1	2	2
13:00-16:00	1	1	1	1	1	2	2
16:00-19:00	1	2	1	2	1	1	1

Transcript of the Radio advert:

"This month, Grangemouth Flood Protection Scheme will be hosting community information exhibitions. They are your opportunity to ask experts questions about flooding and see what proposed flood defences might look like for your area.

In-person events will run between Monday 4th and Friday 8th March in Grangemouth, Carronshore and Camelon, and there' ll be two online events on Thursday 29 February and Monday 11 March.

"For full details see Grangemouth Flood Scheme dot com

Grangemouth Flood Protection Scheme – protecting communities."

Appendix H. Coding Table

Code Category	Code
Scheme Concerns	The Scheme is not needed/No flooding in the area
	Concern over cost
	Concern over tree removal
	Concern over visual impacts
	Concern over flood walls
	Concern over increased flooding
	Not protecting residents/Business protection
	Concern over environmental impacts
	Concern over impact on property
	Comments on timeline
	Objection towards scheme
	Concern over general disruption
	Concern over upheaval
Design Suggestions	Alternative solution proposed
	Design suggestion
Support for the Scheme	The Scheme is needed
	General support for the scheme
	Satisfied with environmental mitigations proposed
General	No further comment
	Additional information about respondent
	Feedback on consultation process
	Need more information
	Lack of knowledge to assess
	Request for regular updates
	Other priorities
	Code
	The Scheme is not needed/No flooding in the area
	Concern over cost
	Concern over tree removal
	Concern over visual impacts
	Concern over flood walls
	Concern over increased flooding
	Not protecting residents/Business protection
	Concern over environmental impacts
	Concern over impact on property
	Comments on timeline
	Objection towards scheme