Millport Coastal Flood Protection Scheme

Protecting the people of Millport

How the Flood Protection Scheme has developed

Setting policy

In 2009 the Scottish Government created the Flood Risk Management (Scotland) Act. This created a more joined up and coordinated process to manage flood risk at a national and local level.

Creating a National Strategy

It is SEPA's responsibility to carry out a national assessment of flood risk across Scotland, create the national strategy and produce flood risk and hazard maps.

The National Strategy identifies, assesses and priorities studies, schemes and works for the management of flood risks. It was issued on 20 December 2015 and can be accessed through the NAC Flooding Website.



Flood Planning across Ayrshire

Based on the National Flood Risk Management Strategy, North Ayrshire Council worked in close cooperation with East and South Ayrshire Councils and other statutory undertakers to develop a Local Flood Risk Management Plan.

This plan sets out how and when the actions to deliver the goals of the strategy will be delivered between 2016 and 2022.

Prioritising where to protect first

North Ayrshire Council appointed consultants to complete a Flood Risk Assessment for Millport, followed by an initial Options Appraisal which considered the possible solutions and likely costs.

This information was built into SEPA's national prioritisation of flood protection schemes. Millport Coastal Flood Protection Scheme was prioritised as 10 out of 40 planned schemes and works.

Designing the Millport Scheme

The Millport Flood Protection Scheme is a prioritised scheme identified in the Local Flood Risk Management Plan.

Royal HaskoningDHV has been appointed to outline and design the Millport Coastal Flood Protection Scheme.

The aim of this stage of the project is to collect data and information to confirm the preferred scheme option and understand any risks.





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What have we done so far?

Flood Risk Assessment

A Flood Risk Assessment was completed by Royal HaskoningDHV in 2015. This was used to develop options for how to protect Millport.

Complete

Site Investigations

Surveys of the seabed and land within the project area and a structural inspection of the pier are complete. A ground investigation will be undertaken to understand the ground conditions for design of the works.

Mid 2016 to Early 2017

Wave Modelling

Mathematical models have been developed to assess how waves interact with the coast, both without the scheme and with the possible solutions.

Complete

Environmental Scoping Report

We have undertaken a study to understand the existing environment. We have consulted with SEPA, Marine Scotland and the planning authority and confirmed that a statutory Environmental Impact Assessment (EIA) is not required for the scheme. An Environmental Report will be prepared.

Complete

Initial community

We have published two newsletters and a questionnaire as well as organising this community workshop, with the aim of understanding your issues and addressing these in the designs.

Ongoing

Confirm preferred solution

By combining the findings of our investigations, technical studies, economic analysis and your input we will review the constraints and opportunities for the flood protection scheme. This will enable the most appropriate solution to be confirmed and the outline design to be completed.

End 2016 to Early 2017

Consultation feedback

We will provide feedback on how your comments on the scheme proposals have been addressed in the development of the outline design.

Early 2017





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What are we going to do?

Prepare FPS application

Once a preferred solution has been agreed and the outline design developed we must prepare an application to the Scottish Government for approval of the proposed Flood Protection Scheme. It will include an updated cost assessment.

Mid 2017

Environmental Report

An Environmental Report will be prepared to include all the environmental information about the scheme. This will be made publically available and will include a non-technical summary. Environmental surveys will be completed to inform this report. The Environmental Report will be a supporting document for the applications for scheme approval and for a Marine Licence which is needed to construct the scheme.

Mid 2017

FPS consultation

For the scheme to be approved we must complete a formal consultation process. A consultation meeting will be held and documents will be published setting out the scheme proposals. We will provide full information about the formal consultation process. If any objections are received during this consultation process this could significantly delay the approval and construction of the flood protection scheme.

Mid to late 2017

Planning Permission Planning permission for the scheme is combined with Scottish Government approval of the flood protection scheme. We have begun discussions with the planning authority about this process and their requirements for the scheme. This includes important heritage considerations such as the appearance and surfaces finishes to structures.

Mid to late 2017

Detailed design

The detailed engineering of the scheme will progress following its approval. It will address the specific construction requirements including preparation of construction drawings and contract documents.

Late 2017?

Appoint contractor

We will hold a procurement tender process to appoint a Contracting Civil Engineering company to construct the scheme.

Late 2017 to Early 2018?

Construct scheme

The scheme will be constructed. Construction will be supervised to ensure high quality and that any requirements of the consents and licences are met.

From **Mid 2018?**

