

South Kinross Flood Protection Scheme Newsletter

Perth & Kinross Council is promoting a flood scheme in Kinross. This newsletter is the first in a series aimed at keeping the community up to date with the proposals.

Background

Historically, Kinross has suffered from repeated flooding, with records going back to 1852. Significant flooding occurred more recently in January 1993, December 2006 and February and August 2020. The main flood risk to homes and businesses comes from the South Queich, the Gelly Burn and the Clash Burn.

The Council previously engaged the consulting engineers, Mouchel, to undertake a flood study in the area. This study indicated that a flood scheme was feasible, and it was therefore included in the published Forth Estuary Local Flood Risk Management Plan. More recently, the Council engaged consulting engineers, RPS, to develop this initial study work and develop proposals for a flood protection scheme in the area.

RPS have already gathered information and are continuing to gather further information to progress the outline design of the scheme including ground investigations as well as environmental and topographic surveys.

Recent Developments

RPS have undertaken detailed modelling work to understand the risk of flooding from the South Queich, the Gelly Burn and the Clash Burn. The risk of flooding is shown on the map in Figure 1. The blue shading indicates the area that could be affected in a 1 in 200-year flood, which is a much rarer event than the estimated 1 in 50-year flood observed in February 2020.

RPS have also considered a wide range of potential options to manage the identified risk of flooding including traditional walls and embankments, dredging, a diversion channel, flood storage and natural flood management. The recommended scheme includes a series of new flood walls and embankments, culvert upgrades and flood storage, as shown in Figures 2 and 3. The proposed scheme is intended to protect properties up to the 1 in 200-year flood event, but remains subject to community consultation, statutory consents and the availability of sufficient funding.

What's Next?

The Council is liaising with key landowners to discuss the initial proposals. RPS will develop the outline design of the proposed flood scheme so that we can consult with the local community. All of the options will be presented to the community at public events later this year, along with the recommended flood protection scheme. The final proposals will be informed by this community consultation.

The Council will then seek the necessary statutory consents for the scheme and thereafter arrange for the detailed design, tenders and construction.

In the meantime, RPS are also developing proposals for natural flood management measures as well as carrying out the necessary surveys for the Environmental Impact Assessment.



Figure 1: Predicted 1 in 200-Year Flood Extent

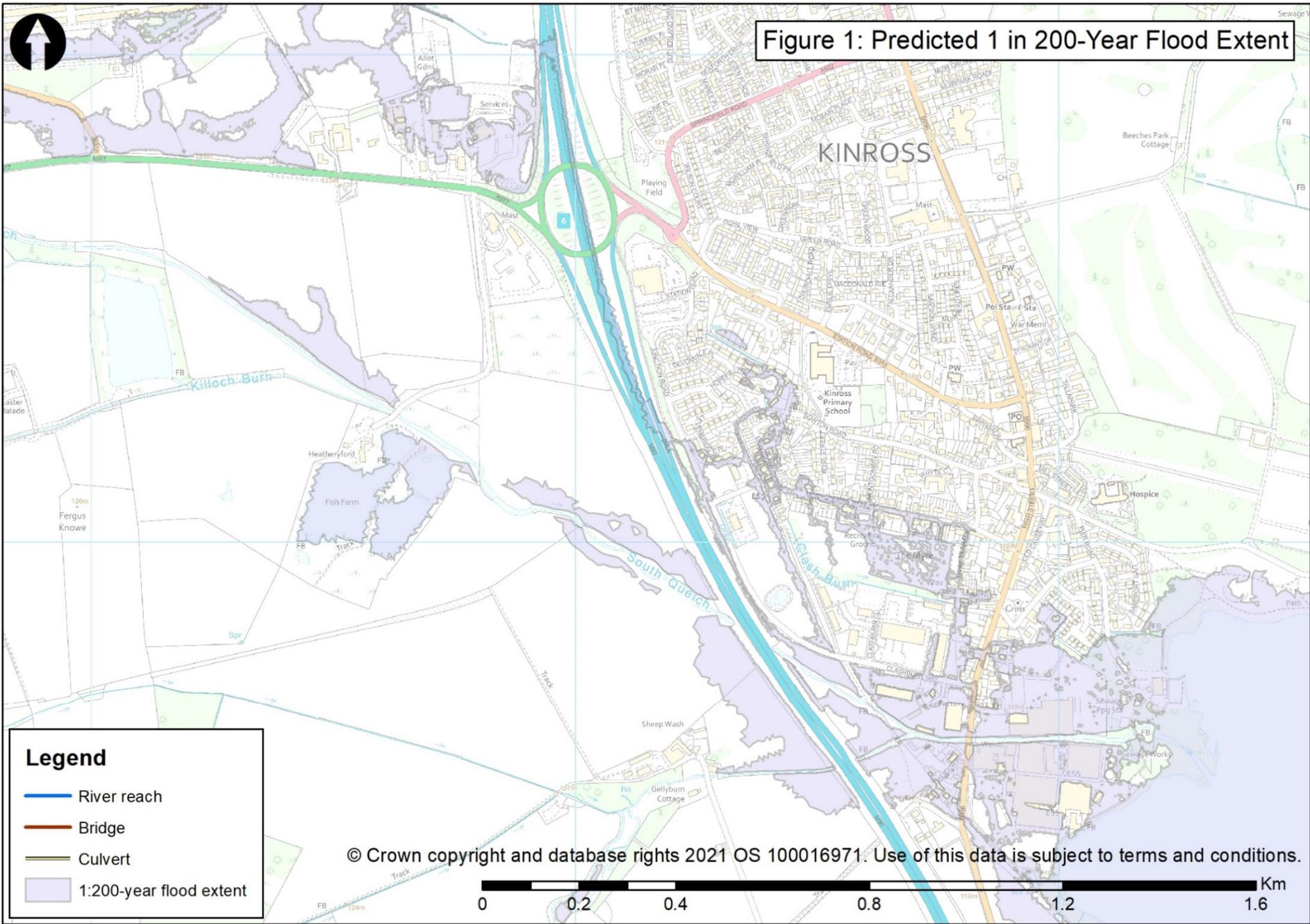


Figure 2: Recommended Flood Defences in South Kinross

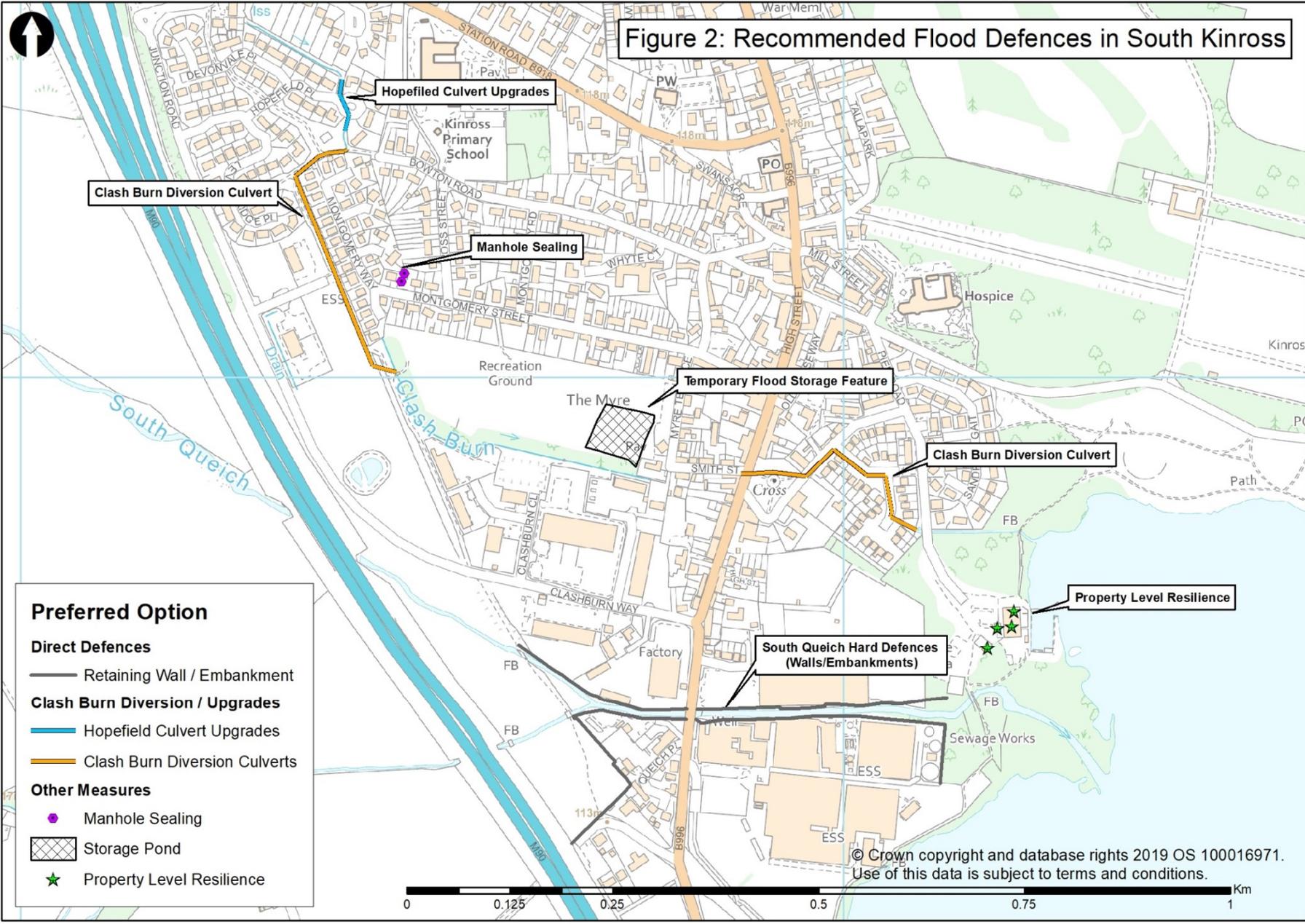


Figure 3: Recommended Flood Defences to the West of the M90 Motorway

