

**Delayed Office Opening
for Employee Training**

*This office will be closed from
8.45 am - 11.00 am on the first
Thursday of each month.*



Environmental & Consumer Services
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Our ref 6.9.22/GB/NI

Your ref

Date 20 December 2018

Dear Sir / Madam

**Aberfeldy Flood Study
Consultation on Flood Maps and Potential Flood Risk Management Measures**

As you may be aware, Perth and Kinross Council has engaged consulting engineers, RPS, to carry out a flood study for Aberfeldy. This study is one of the key measures noted in the Tay Local Flood Risk Management Plan and is concerned with the flood risk from the River Tay and other small watercourses including the Moness, Tomchulan and Boltachan burns.

We are currently writing to key stakeholders to inform them of some of the initial outputs from the flood study and would welcome your comments on the following:-

1. Flood Maps

Please find attached new flood maps showing the predicted extent and depth of flooding in Aberfeldy for predicted flood events of varying magnitude. The maps have been developed from a hydraulic model that has been developed for the area by RPS.

To help you relate the flood maps to previous flood events please refer to the following table:

Date of Previous Flood	Probability of Flood (Return Period)
January 1993	Estimated between 3.33% and 2% (1 in 30 and 1 in 50)
January 2005	Estimated between 5% and 3.33% (1 in 20 and 1 in 30)
December 2006	Estimated between 2% and 1% (1 in 50 and 1 in 100)
December 2015	Estimated between 3.33% and 2% (1 in 30 and 1 in 50)

(AEP: Annual Exceedance Probability – annual probability of an event occurring in any one year)

Please note that the predicted 1 in 30 year flood has a 3.33% probability of being exceeded in any one year. The predicted 1 in 50 year flood has a 2% probability of being exceeded in any one year.

It should be noted that the flood maps are not intended to produce a representation of previous flood events, but to show flood risk from all watercourses simultaneously. In reality, flooding from the River Tay arises from different hydrological conditions (prolonged catchment-wide rainfall) than flooding from the Moness, Tomchulan, and Boltachan burns (localised storm rainfall); the smaller watercourses may not have reacted in the previous flood events mentioned above. The flooding shown on the maps may therefore be more extensive than expected but is intended to represent the potential flood risk to the area.

We would welcome your comments on the flood maps.

2. Potential Flood Risk Management Measures

Please find attached some information on the potential measures being considered to address the flood risk identified on the flood maps.

RPS have considered an initial long list of potential options and have screened out those that are considered not feasible based on technical, environmental and economic factors. They have arrived at the attached short list of measures which will be subject to more detailed hydraulic modelling and further assessment.

We would welcome any comments on this short list of potential flood risk management measures.

Please note that RPS are carrying out additional work to assess the surface water flood risk at Aberfeldy, which was highlighted through the earlier public consultation.

If you wish to make any comments please respond by **Friday 18 January 2019**. You can e-mail your comments or write to the Council at the following address:-

Gavin Bissett, Technician (Flooding)
Structures & Flooding Team
Perth & Kinross Council
35 Kinnoull Street
Perth PH1 5GD
Email: gabissett@pkc.gov.uk

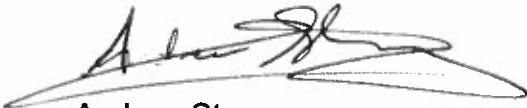
Your assistance in the development of this flood study is appreciated.

This flood study should lead to an improved understanding of flooding in Aberfeldy which will inform other on-going actions to manage flood risk. Please note that potential measures being set out in the study may be some time away from being implemented or may indeed not be considered feasible to implement. The Tay Local Flood Risk Management Plan therefore includes other actions which are intended to enable the community to take action and become more resilient to flooding.

For further details please refer to the Council's website at www.pkc.gov.uk/flooding and www.pkc.gov.uk/frmplans.

Should you require any further information, please contact Gavin Bissett, Technician (Flooding) on 01738 476840.

Yours sincerely



Andrew Strang
Structures and Flooding Manager

Enc. (Flood Maps & Short List)

cc Pippa van Kuijk, RPS
Victor Clements, Aberfeldy Community Council
Victor Clements, Aberfeldy Community Resilience Group
Peter Grigor, Tayside Waders

