

Flood Risk Management (Scotland) Act 2009

# Aberfeldy Flood Protection Study

ABERFELDY COMMUNITY COUNCIL MEETING, ABERFELDY TOWN HALL, ABERFELDY - 7 MAY 2019

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# Content

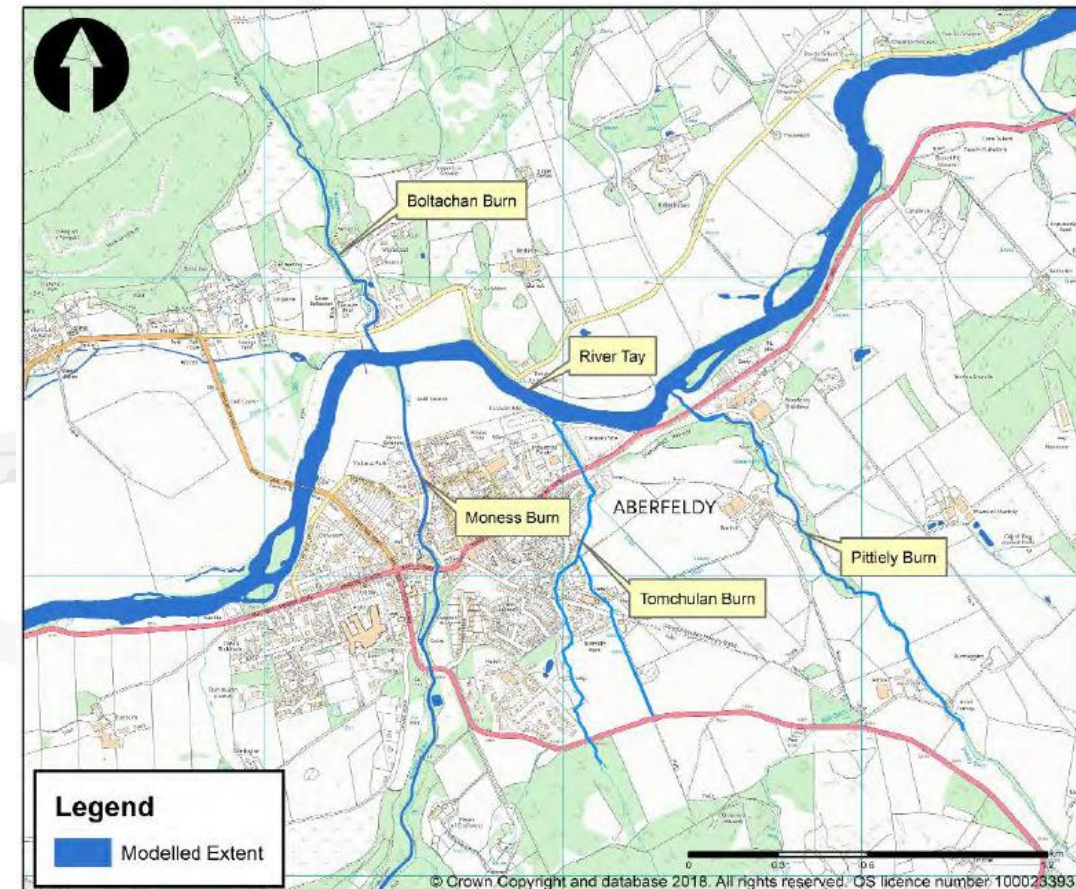
- ▶ Background
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- ▶ Summary

# Background



# Background – Flood Risk in Aberfeldy

- ▶ River Tay Catchment
- ▶ Flood risk from:
  - ▶ River Tay
  - ▶ Moness Burn
  - ▶ Smaller watercourses and surface water
- ▶ History of Flooding:–
  - ▶ Jan '93, Aug '04, Jan '05, Dec '06, Dec '15



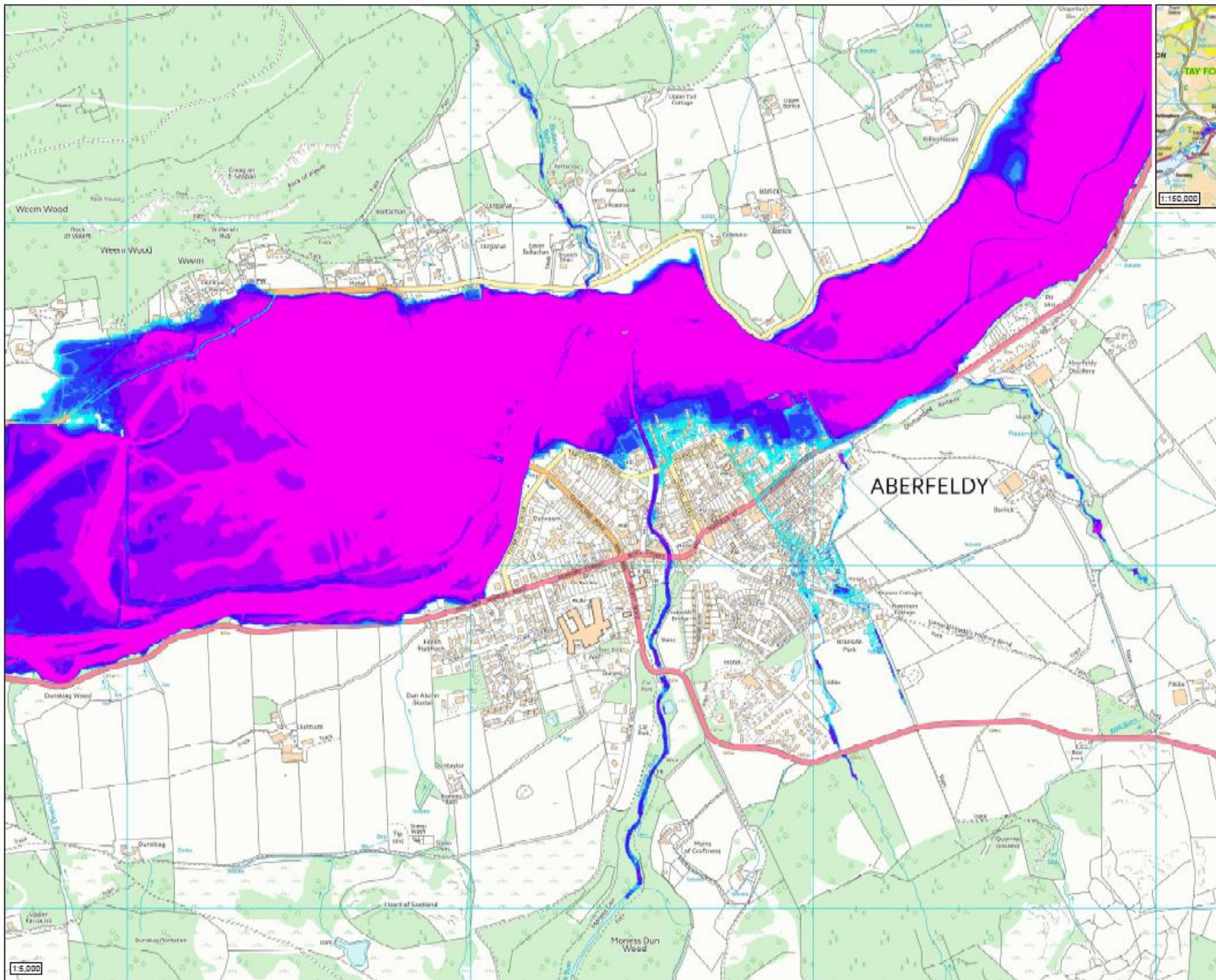
# Background – Previous Flooding

December 2006



December 2015





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**Legend**

**0.6% AEP**

**Flood Depth (m)**

0 - 0.25
0.25 - 0.5
0.5 - 1.0
1.0 - 1.5
1.5 - 2.0
>2.0

Rev	Comment	Date
01	Updated for revised flows	18/12/18

**TITLE** Aberfeldy  
DRAFT FLOOD DEPTH MAP  
0.5% AEP

**CLIENT** 

**PROJECT** Aberfeldy Flood Study

**RPS** Regional Planning Services

**Drawing No.:** IBE1446\_FD  
0.5%\_AEP

Drawn By: ZM  
Checked By: PwK  
Approved By: AJ  
Date: 18/12/18  
Scale at A1: NTS

1:5,000

# Background - Flood Risk Management (Scotland) Act 2009



- ▶ Tay FRM Strategy & Local FRM Plan
  - ▶ [www.pkc.gov.uk/frmplans](http://www.pkc.gov.uk/frmplans)
- ▶ Sets out actions over a 6 year period (2016-2021)
- ▶ Potentially Vulnerable Area (PVA) 08/03 (Aberfeldy and Pitlochry)
- ▶ National priority list of flood studies (No 41 of 168)
  - ▶ 2<sup>nd</sup> highest priority study for PKC
- ▶ Key action in Tay Local FRM Plan
- ▶ Revenue funded

Flood Risk Management  
(Scotland) Act 2009:

[Local Flood Risk Management Plan](#)  
[Tay Local Plan District](#)



Published by: Perth & Kinross Council  
22 June 2016

# Background – Tay Local FRM Plan

Both the Tay FRM Strategy and Local FRM Plan include actions for public bodies and land and property owners to manage flood risk in Aberfeldy:

- ▶ Flood protection study
- ▶ Maintain flood protection scheme (Weem by Aberfeldy)
- ▶ Strategic flood mapping and modelling (SEPA and Scottish Water)
- ▶ Maintain flood warning
- ▶ Flood forecasting (SEPA);
- ▶ Community flood action/resilience groups
- ▶ Continued/...



# Background – Tay Local FRM Plan

- ▶ Awareness Raising
- ▶ Self Help Measures
- ▶ Maintenance (clearance and repair works)
- ▶ Emergency Plans/Response
- ▶ Managing flood risk through the application of development planning policies

The Council will continue to act in accordance with the published Tay FRM Strategy and Local FRM Plan.

Available at: <https://www.pkc.gov.uk/frmplans>

# Background – Tay Interim Report

- ▶ Tay FRM Strategy published by SEPA on 22 December 2015
- ▶ Tay Local FRM Plan published by Perth & Kinross Council on 22 June 2016
- ▶ SEPA and responsible authorities have been focussed on delivery of actions
- ▶ Tay Interim Report published by Perth & Kinross Council on 1 March 2019
- ▶ Strategy, Plan and Interim Report are available to view at <https://www.pkc.gov.uk/frmplans>

# Flood Protection Study Process

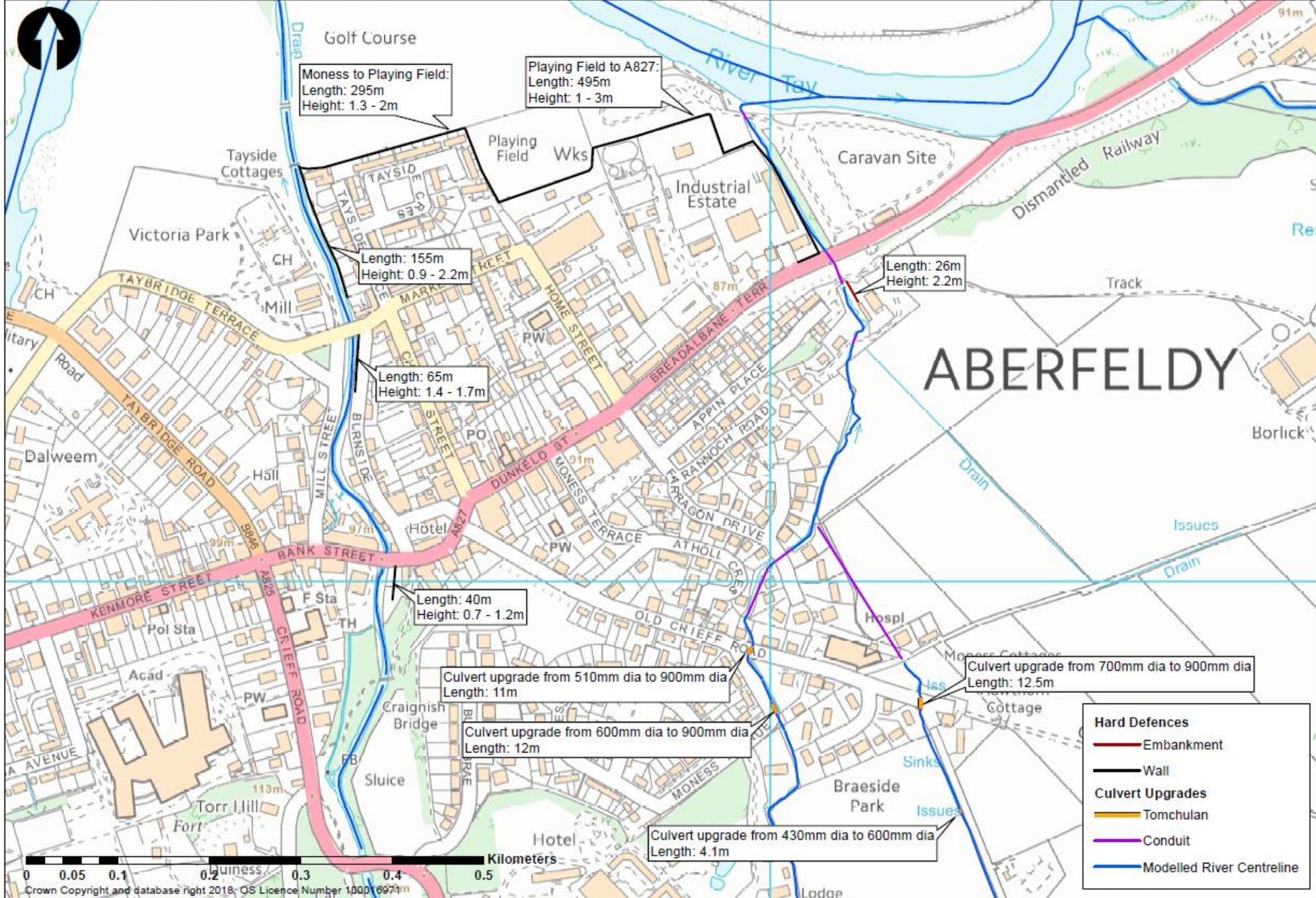


# Flood Protection Study

- ▶ This is an initial feasibility study
- ▶ Aim is to identify viable options for the future management of flood risk in Aberfeldy.
- ▶ Recommendations of the study will include a range of actions, including a preferred option for a flood scheme.
- ▶ No plans for any works upon completion of study - any preferred flood scheme would be subject to inclusion in the next FRM Plan, further investigations, development and public consultation before any firm proposals are put in place.
- ▶ This is the first step in a long process to construct a flood scheme.

# Flood Protection Study - Process

- ▶ Develop understanding of catchment and flooding mechanisms
  - ▶ Data gathering and appraisal of this information - Historic flood records, local info (community questionnaire), surveys (topographic, environmental and catchment walkovers)
  - ▶ Hydrological analysis of target catchments
- ▶ Flood modelling and Mapping
  - ▶ Development of hydraulic model and production of flood maps to identify flood risk areas
- ▶ Develop and Appraise Options
  - ▶ Flood damage assessment
  - ▶ Long- and short-listing of actions to produce flood risk management options,
  - ▶ Appraisal of options (economic, social and environmental)
- ▶ Recommendations for future flood risk management
  - ▶ Preferred option for flood scheme and other recommendations
  - ▶ Note that these are then subject to further investigation, development and funding



# ABERFELDY

- Hard Defences**
  - Embankment
  - Wall
- Culvert Upgrades**
  - Tomchulan
  - Conduit
- Modelled River Centreline

# Community Drop-in Sessions



# Community Drop In Session Details

- ▶ Community Drop In Sessions: **2 - 8pm on 20 June & 25 June 2019 – Aberfeldy Town Hall**
- ▶ Advertised by letter drop, The Breadalbane Quair, PKC website & social media
- ▶ Council Officers, RPS Consulting Engineers, SEPA & Scottish Flood Forum present
- ▶ Comment Forms – to allow community to record their views
- ▶ Q & A document will be circulated following sessions



# Summary



# Summary

- ▶ Background to the Aberfeldy flood protection study – key drivers
- ▶ Flood protection scheme process
- ▶ Preferred flood scheme option
- ▶ Community drop-in sessions
- ▶ Key point: This is the first stage of a long process, should a viable flood scheme be identified.

# Thank You

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## Questions?

