

# 1: Introduction

## Introduction

Welcome to this second public exhibition event for the proposed Comrie Flood Protection Scheme.

The aim of this drop-in session is to provide you with more information on:

- the risk of flooding in Comrie;
- the Council's proposals for a flood scheme; and
- other action to raise awareness of flood risk and improve flood resilience.

Officers from Perth & Kinross Council and Consulting Engineers, Sweco, are available today. Please feel free to ask questions about any aspect of the project.

Comment forms are also available to allow you to record your views. Your views are important to us and will help to inform the final proposals for the flood scheme.



Figure 1: Flooding at Barrack Road (August 2012)



Figure 2: Satellite photo of study area

## Previous Community Consultation

The Council first held community drop-in sessions in September 2016, to consult with the local community on the various options considered for a flood scheme at that time.

The Council's preferred flood scheme, involving walls and embankments, was later approved by the Environment, Enterprise & Infrastructure Committee on the 6<sup>th</sup> September 2017.

The proposed outline design has since been developed further and is presented in this display.

## Flood History

Records of flooding in Comrie extend as far back as 1910. The town has been subject to regular flooding from the Water of Ruchill, River Earn and the River Lednock – all of which flow through the town.

There have been 5 recent significant flood events, Table 1 shows their peak flows. Flows are described as being in cubic metres per second (m<sup>3</sup>/s). For comparison, the base summer flow on the River Earn is approx. 10 m<sup>3</sup>/s; and on the Water of Ruchill 5 m<sup>3</sup>/s.

Following the flood events on the Water of Ruchill in 2012 (See Fig. 1), the Council implemented flood protection works to reduce the risk of this happening again (see Figure. 3). However it is estimated that approximately 200 businesses and residential properties are still at risk of flooding.

Table 1: Recent major flood events

Flood Event	River Earn Flow	Water of Ruchill Flow
Jan 1993	65 m <sup>3</sup> /s	228 m <sup>3</sup> /s
Feb 1997	63 m <sup>3</sup> /s	229 m <sup>3</sup> /s
Dec 2006	64 m <sup>3</sup> /s	189 m <sup>3</sup> /s
Aug 2012	56 m <sup>3</sup> /s	199 m <sup>3</sup> /s
Nov 2012	67 m <sup>3</sup> /s	192 m <sup>3</sup> /s



Figure 3: Flood protection feature at Camp Rd. (2013)