



VALE of GLAMORGAN COUNCIL

PRELIMINARY FLOOD RISK ASSESSMENT

Prepared to meet the Vale of Glamorgan Council's duties to manage local flood risk under the Flood Risk Regulations (2009)

Addendum Report – December 2017



Strong
Communities
with a Bright
Future

Preliminary Flood Risk Assessment Report

Executive Summary

The EC Floods Directive has been transposed into UK law through the Flood Risk Regulations (2009) and the Flood and Water Management Act (FWMA). Under the Flood Risk Regulations (2009), the Vale of Glamorgan Council must prepare and under a Preliminary Flood Risk Assessment (PFRA) to assess harmful consequences of past and potential future floods and to identify significant flood risk areas.

The Vale of Glamorgan Council is defined as a Lead Local Flood Authority (LLFA) in accordance with the Flood and Water Management Act 2010. This report has been prepared to meet the Vale of Glamorgan Council's duties to manage local flood risk and deliver the requirements of the Flood Risk Regulations (2009). This report has been compiled to fulfil the requirements of the first stage in the PFRA process and comprises this document, supporting spreadsheets and GIS Layers.

The PFRA process aims to provide a high level overview of flood risk from local flood sources, including surface water, groundwater, ordinary watercourses, canals and lakes. The Environment Agency (EA) is responsible for preparing deliverables of the Flood Risk Regulations for Main River and the sea. The Council is required to submit the PFRA to the Environment Agency Wales (EAW) for review by the 22nd June 2011. The methodology for producing this PFRA is based on the Environment Agency's PFRA Guidance and Defra's/WAG's Guidance to Lead Local Flood Authorities on selecting and reviewing Flood Risk Areas for local sources of flooding.

Using the criteria set down by Defra/WAG of a threshold of 5,000 people, no Flood Risk Areas are identified within the Vale of Glamorgan. The Flood Risk Area identified covering Cardiff did impact on areas of the Vale but following consultation with the EA and the City and County of Cardiff Council the Flood Risk Areas boundary has been amended slightly to reflect the relevant administrative boundaries.

Areas identified as being at risk of flooding, but not being identified as being above the flood risk threshold, will form the basis of the local flood risk strategy, supported by the continued collection of information on local flood events and flood risks.