

Appendix E: Summary of sustainability appraisal topics and objectives

Topic	Objective
Population and human health	Reduce the risk of flooding to protect existing and future populations and properties
	Reduce the risk of flooding to community facilities
	Reduce the health impacts of flooding, including from the fear of flooding and its associated health effects
	Enhance access to and provision of quality greenspace
	Ensure equal protection for all people, regardless of age, ethnicity, disability or social status
Access and recreation	Reduce the risk of flooding to recreational facilities
	Maintain and where possible enhance existing access links and connectivity to greenspaces, heritage assets, historic landscapes and civic amenities
	Support the provision of new green-blue infrastructure
	Protect navigation routes within the study area
Economic activity	Support and where possible enhance economic opportunities for the local and wider economy, including the rural economy
Flooding and the economy	Minimise the risks and cost of flooding
Land use and the economy	Support the sustainable use of land in rural areas, including agricultural land
Material assets	Support the operation and maintenance of existing critical infrastructure

Topic	Objective
Biodiversity	Protect and where possible enhance internationally and nationally designated sites
	Protect and enhance biodiversity
Water	Protect the status of surface and groundwater bodies
	Protect the quality and availability of water resources
Soils and geology	Manage risks from flooding to soil and to maintain and enhance existing soil characteristics
Landscape and visual amenity	Protect and enhance local landscape character and quality, protected viewpoints and strengthen local distinctiveness and sense of place
Cultural heritage and archaeology	Maintain and enhance cultural heritage assets and the historic environment
Air quality	Minimise impacts to air quality for the local and wider community
Climate change	Reduce greenhouse gas emissions and enhance carbon management opportunities
	Enable climate change adaptation and resilience
Resource use and waste	Reduce the risk of flooding to resource and waste sites
	Minimise the use of natural resources and maximise opportunities to reuse waste