

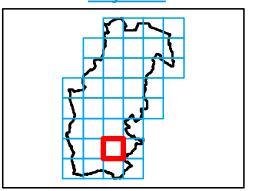
Zone 1: Comprised of land having a less than 1 in 1,000 annual probability of river or sea flooding in any year.

Zone 2: Comprised of land having between a 1 in 100 and 1 in 1,000 annual probability of river flooding or 1 in 200 and 1 in 1,000 annual probability of sea flooding in any year.

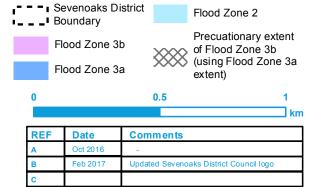
Zone 3a: This zone comprises land assessed as having a greater than 1 in 100 annual probability of river flooding or a greater than 1 in 200 annual probability of flooding from sea in any year.

Zone 3b: This zone comprises land where water has to flow or be stored in times of flood (the functional floodplain). The SFRA identified this Flood Zone as land which would flood with an annual probability of 1 in 20 years, where detailed modelling exists. In the absence of detailed hydraulic model information, a precautionary approach has been adopted with the assumption that the extent of Flood Zone 3b would be equal to Flood Zone 3a. Areas where the precuationary approach has been applied indicated by the hatched extents. If development is shown to be in Flood Zone 3a where no Flood Zone 3b information exists, further work should be undertaken as part of a detailed site specific assessment to understand the extent of Flood Zone 3b

Key Plan



Legend



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SEVENOAKS DISTRICT COUNCIL

LEVEL 1 SFRA: APPENDIX C **FLOOD ZONES**

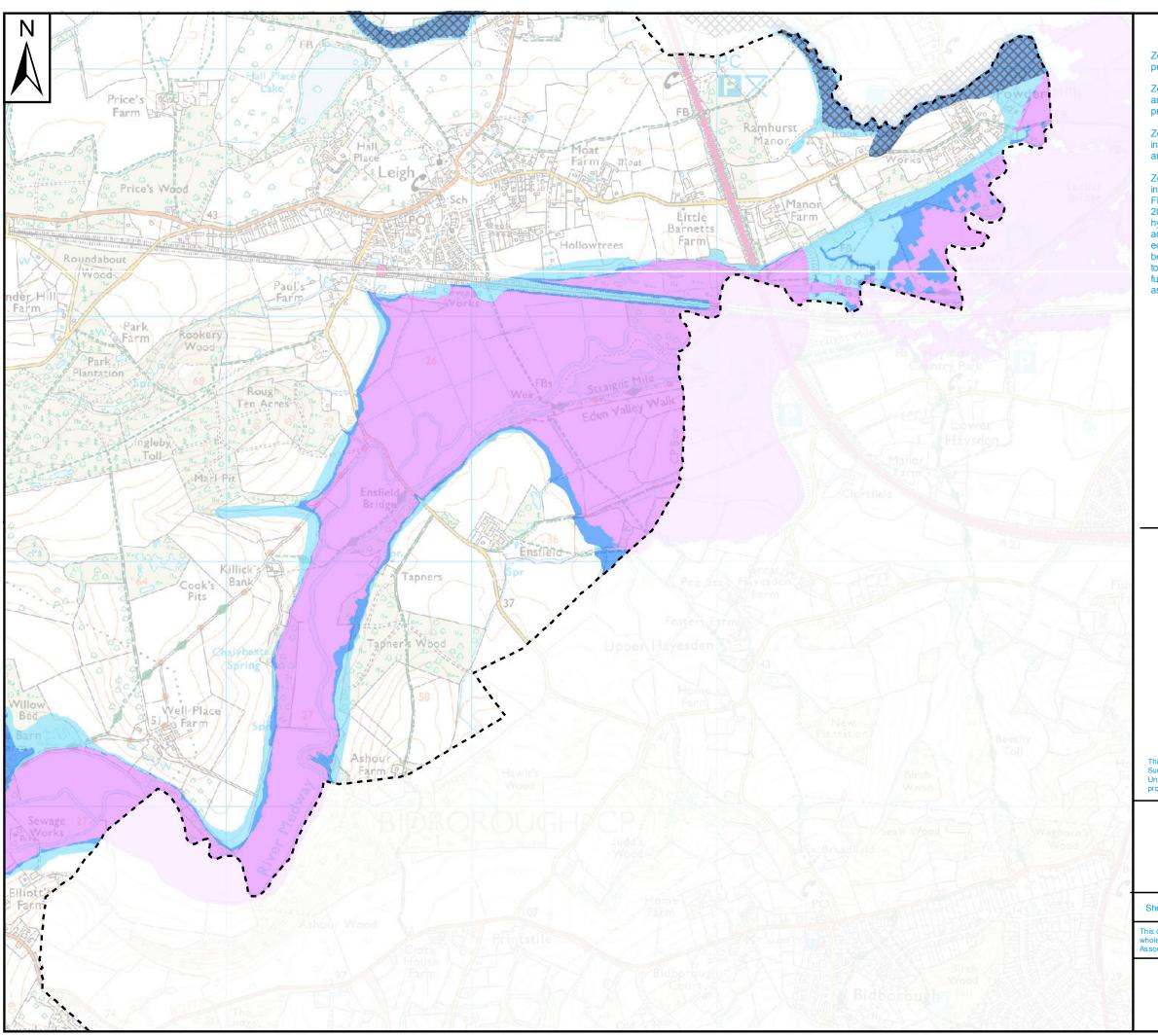
Sheet No: 7 of 36

Index Number: SDC_7

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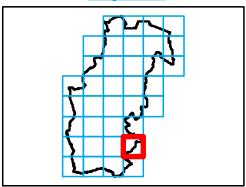
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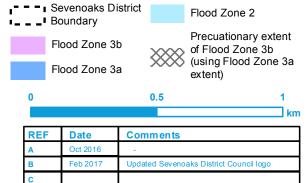
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Key Plan



Legend



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SEVENOAKS DISTRICT COUNCIL

LEVEL 1 SFRA: APPENDIX C **FLOOD ZONES**

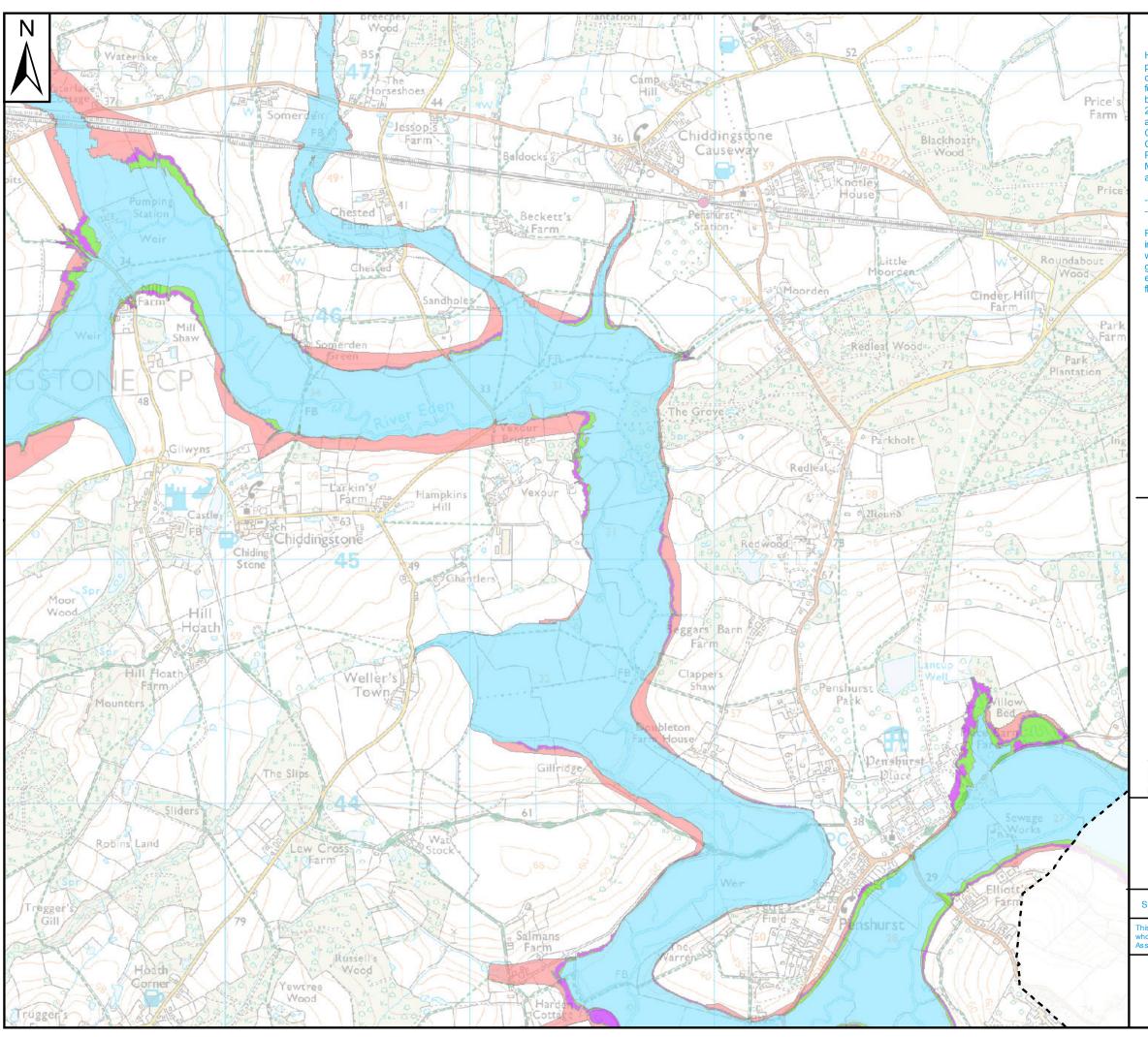
Sheet No: 8 of 36

Index Number: SDC_8

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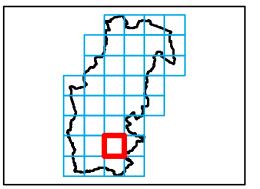
Hydraulic modelling has been undertaken by the Environment Agency to provide updated climate change flood mapping for the River Medway catchment (includin the River Beult and River Teise). This modelling followed the latest guidance for climate change in FRAs/SFRAs released by the Environment Agency in February 2016 (and updated in April 2016). No climate change modelling following the latest guidance is yet available for other watercourses within Sevenoaks District.

Climate change for fluvial events has been prepared for the Higher Central and Upper End estimates for the 2080s epoch (2070-2115). Present day flood risk information is available for comparison. The River Medway is within the Thames River Basin District and therefore allowances are:

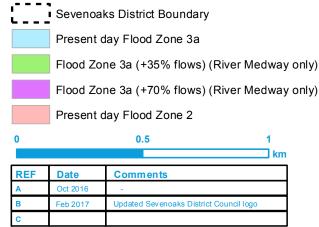
- Higher Central (2080s) = +35% flows Upper End (2080s) = +70% flows

Flood Zone 2 information has also been displayed on the map. This is included to help identify potential sensitivity to climate change for watercourses where climate change modelling which follows the latest guidance is not available (e.g. River Darent and tributaries). This is expected to provide a conservative estimate of future Flood Zone 3a flood risk.

Key Plan



Legend



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SEVENOAKS DISTRICT COUNCIL

LEVEL 1 SFRA: APPENDIX D **CLIMATE CHANGE MAPPING**

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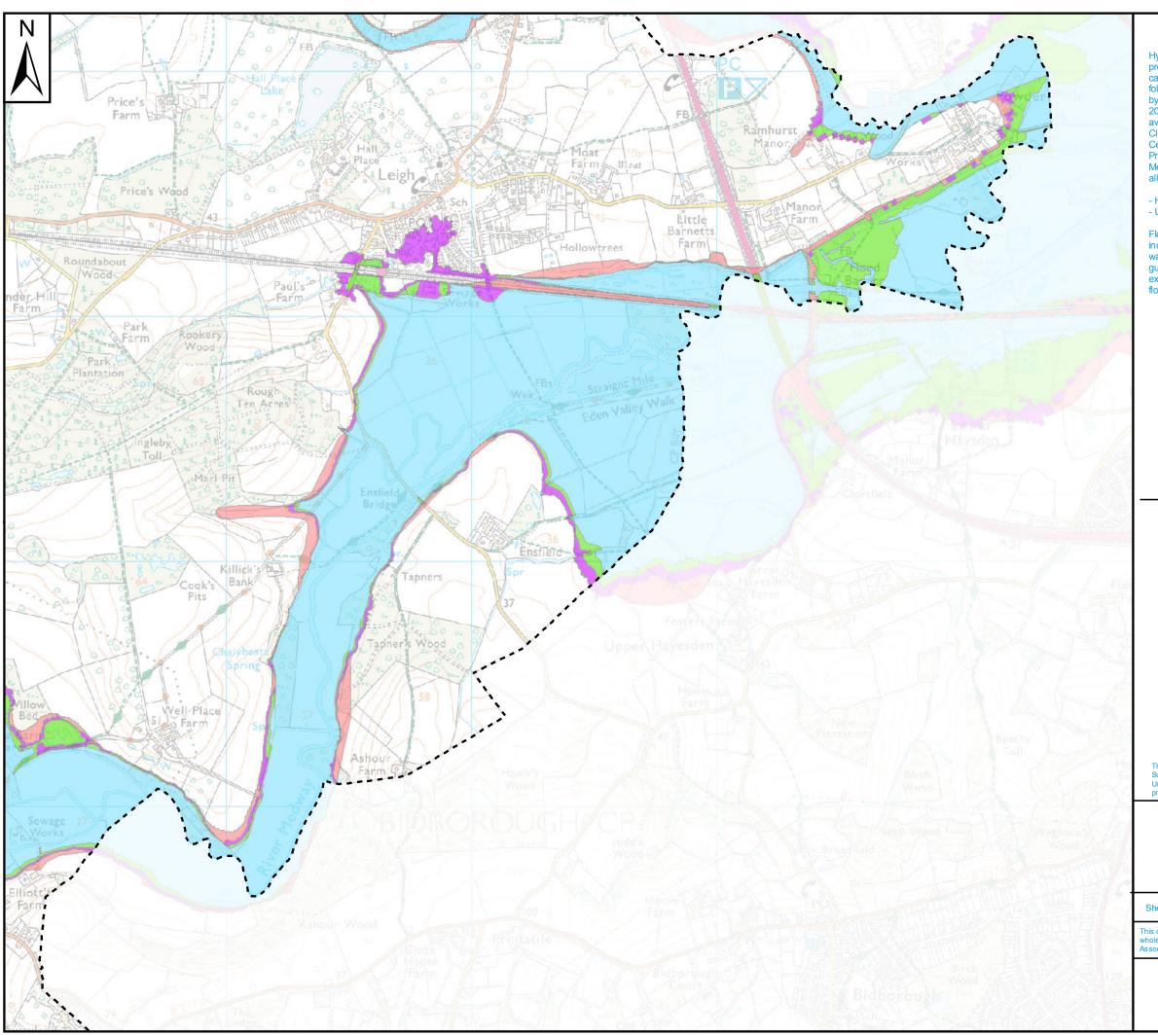
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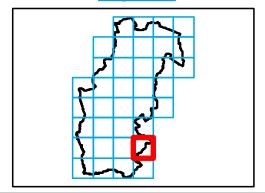
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Key Plan



Legend

Sevenoaks District Boundary

Present day Flood Zone 3a

Flood Zone 3a (+35% flows) (River Medway only)

Flood Zone 3a (+70% flows) (River Medway only)

Present day Flood Zone 2

km		
REF	Date	Comments
Α	Oct 2016	-
В	Feb 2017	Updated Sevenoaks District Council logo
С		

0.5

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SEVENOAKS DISTRICT COUNCIL

LEVEL 1 SFRA: APPENDIX D **CLIMATE CHANGE MAPPING**

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