

Isle of Wight Local Flood Risk Management Strategy

Appendix I: Wroxall

July 2016

Isle of Wight Council, Planning and Housing Services

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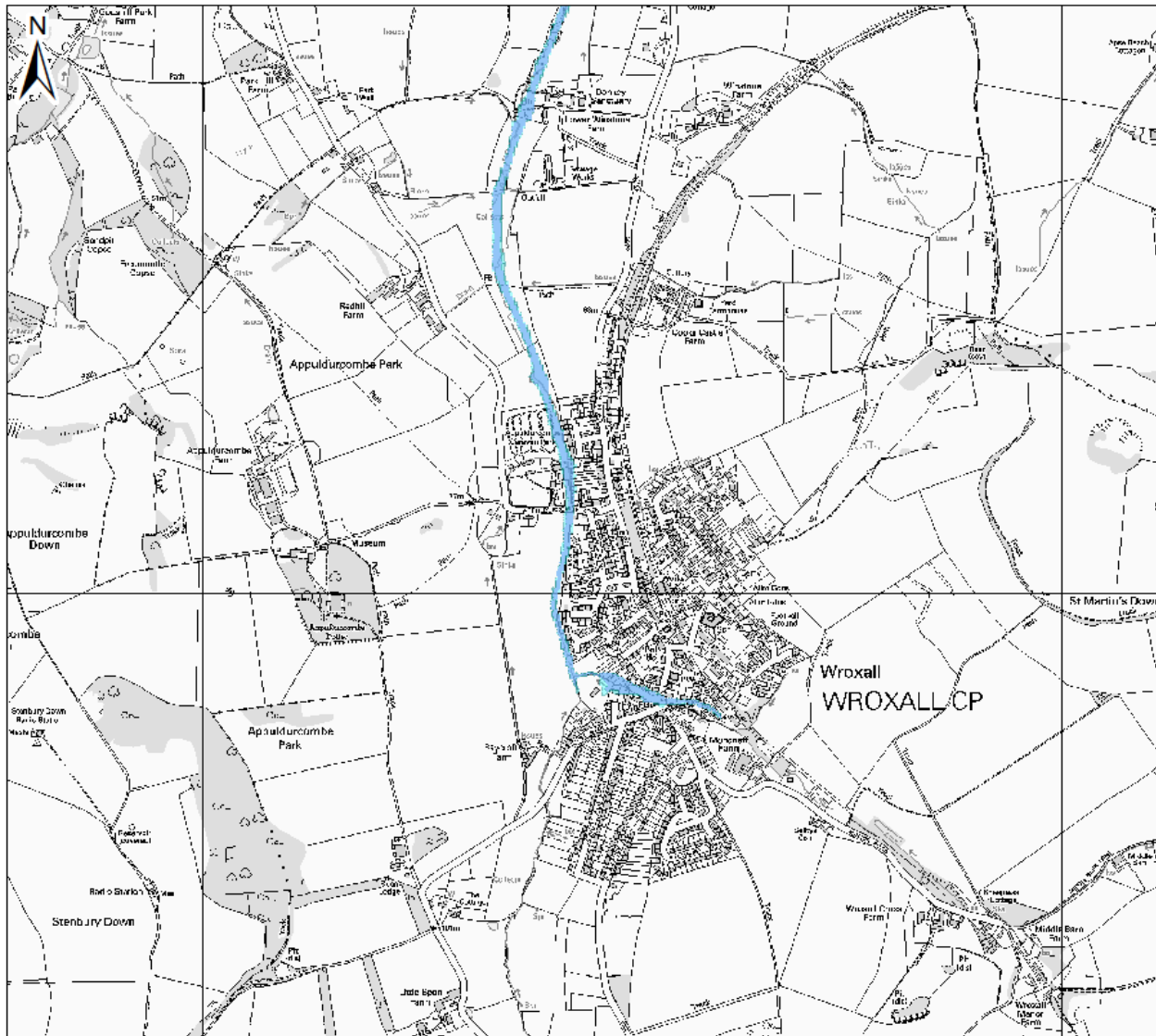
DOCUMENT CONTROL

General information

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Owner	Wendy Perera, Head of Planning and Housing Services – Isle of Wight Council
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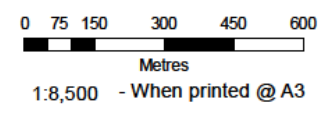
Revision history

Summary of changes	Completed by	Date	Current version?
First Draft	EA/IWC	28/11/2013	No
Second Draft	EA/IWC	02/05/2014	No
Third Draft	EA/IWC	05/02/2015	No
Consultation Draft	IWC	31/03/2016	No
Final Draft Report	IWC	14/06/2016	No
Final Report	IWC Executive Committee	14/07/2016	Yes
Programmed Review	IWC	31/07/2021	



Legend

-  Main River
-  Flood Zone 3
-  Flood Zone 2



Notes

Flood Map Areas (assuming no defences)

Flood Zone 3
Shows the area that could be affected by flooding:
- from the sea with a 1 in 200 (0.5%) or greater chance of happening each year.
- or from a river with a 1 in 100 (1%) or greater chance of happening each year.


Flood Zone 2
Shows the extent of an extreme flood from rivers or the sea with up to a 1 in 1000 (0.1%) chance of occurring each year.

Figure 11
Environment Agency Flood Zones 2 & 3 for Wroxall

November 2014

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ISLE of WIGHT COUNCIL

Local Flood Risk Management Strategy

Legend

- Main River
- Ordinary Watercourses
- High
- Medium
- Low

0 75 150 300 450 600
 Metres
 1:8,500 - When printed @ A3

Notes

Flood Map Areas (assuming no defences)

Flood Zone 3
 Shows the area that could be affected by flooding:
 - from the sea with a 1 in 200 (0.5%) or greater chance of happening each year.
 - or from a river with a 1 in 100 (1%) or greater chance of happening each year.

Flood Zone 2
 Shows the extent of an extreme flood from rivers or the sea with up to a 1 in 1000 (0.1%) chance of occurring each year.

Figure I2
 Updated Flood Map for Surface Water (UFMfSW) for Wroxall

May 2015

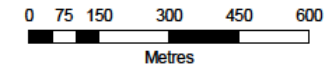
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Local Flood Risk Management Strategy

Legend

- Recorded Flood Events



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Notes

Location of reported flooding incidents

Figure I3

Historic flood events for Wroxall

May 2015

Area overview

Wroxall is situated in the upper catchment of the Eastern Yar, it is located in a valley with hills to the east and west. Flood risk in Wroxall is generally limited to areas immediately adjacent the river.

Tidal flood risk

Due to the inland location of Wroxall, tidal flood risk is considered to be negligible.

Fluvial flood risk

There are no designated Main Rivers in the town of Wroxall, although the watercourse system running through the town essentially feeds into the Eastern Yar. There is a modelled fluvial risk, but this tends to follow the line of the watercourses through the town. Flooding may be expected to roads where they cross these watercourses, at *Wallis Close & High Street*, and further downstream at *Appuldurcombe Road*.

Surface water flood risk

The modelled surface water risk for Wroxall tends to follow the line of the watercourses as with the fluvial risk. The only exception is an area of land to the north of *Yarborough Road* where there is a localised low area that surface water would be expected to pond.

Groundwater flood risk

There have been no incidents of groundwater flooding recorded for the Wroxall area. As such, groundwater flood risk is considered to be low.

Reservoir flood risk

There are currently no known reservoirs on the Island that meet the requirements of the Reservoirs Act 1975, which are reservoirs that hold at least 25,000 cubic metres of water above ground level. As such flood risk from this source is considered to be nil.