



# FLOOD RISK ASSESSMENT

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## Construction of a Manège.

At:

Manor Farm,  
Main Street,  
Ratcliffe-on-Soar  
NG11 0EB

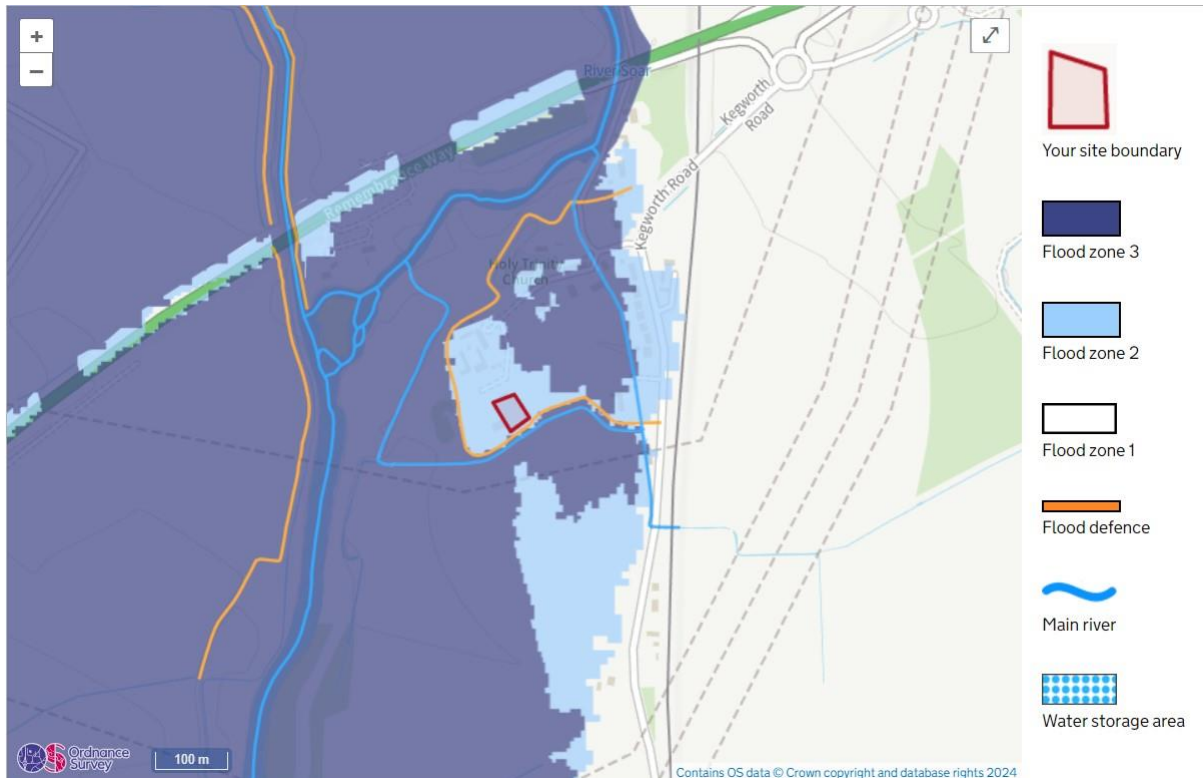
Applicant: **Mr Andrew Armett**

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## INTRODUCTION

The land at Manor Farm, Ratcliffe on Soar, where the proposed manège is to be constructed is identified as flood risk zone 2, having a medium probability of flooding as shown on reference image attached below:



## GROUND LEVELS & FLOOD PRECAUTIONS

The following precautions will be taken to protect the proposed manège from flooding:

1. Flood levels for the nearest monitoring station down river:
  - Station name: Kegworth
  - Station ID: 2132
  - River name: River Soar
  - Typical range: 0.41m to 1.01m
  - Highest level on record: 1.31m on 08 November 2000
  - Site datum: 32.00mAOD
2. There are existing flood defences protecting the proposed site area as indicated in orange on the reference image attached above.
3. The ground levels will not be affected in relation to the proposed manège as it does not constitute a building, merely an engineering operation.
4. Surface water will be dealt with by using sustainable drainage by discharging to soakaways and adjacent ditches on site. The runoff rate is the same as it is for the existing field surface (there is no hard or impermeable surface).
5. Should the area suffer from a flooding event, the manège area itself will flood and so will not contribute to increased flood risk elsewhere.