

Representor I.D.66

Gareth Evans, Thorpe Arnold

### **Additional Comment on the Melton Plan**

#### **2) EN1. and EN4 Policies. Settlement fringe sensitivity, flood management, sustainable urban drainage and avoids coalescence with Melton town.**

I strongly agree with the Policy to protect the separate identity of Thorpe Arnold as part of Plan. The proposed MMDR will threaten this Fringe sensitivity particularly if infilling development occurs (Please see comment on IN 1.).

The risk of flooding to the town will be increased if the Eastern/North MMDR is built. More land will be required for SUDs to deal with rainwater and fluvial water . There will have to be significant permanent land takes to provide enough additional capacity for Sustainable Drainage Systems.

Approximately 15 to 20% of Thorpe Arnold Parish is in flood zones with functioning flood plains to the North West and South of the Village and these are regarded as high risk areas (Zone 3). When there is heavy rainfall or following significant snowfalls on saturated ground, fluvial flooding occurs on both sides of the Village.

On the South side of the Parish. The Brentingby Flood Alleviation Scheme (Barrier and associated silt traps at Ham Bridge and Burton Brook ) has significantly reduced the risk of flooding in Melton town centre. However, when the capacity of the barrier is exceeded, water release is controlled into the River Eye and floods the meadows which act as flood plains (between the Barrier and the town).

In addition, the unnamed brook running from the south side of the A607 increases in flow after heavy rain, and occasionally floods the Saxby Rd where it joins Lag Lane before joining the River Eye. (approximately where the roundabout 5 is to be built).

On the North and West side of the Parish. After heavy rain, the water flow in Thorpe Brook increases and the Cricket Ground, Pony fields Football field and sometimes the Tesco car park act as flood plains. The flood wall and embankment of Thorpe Brook from Tesco to the River Eye support a very narrow channel for water flow to the River Eye through the town.

Water from the Eastern and part of the Northern sections of the MMDR hard surfaces and embankments will have to flow into the River Eye below the Brentingby Barrier from both sides of Thorpe Arnold.

To the South, potential infilling developments on the Burton Lazars side of the railway track will add to the flood water burden, and may have to be channeled below the railway track. Between the proposed Roundabouts 4 and 5, there will be additional water flow into the River Eye. At this time, there are no available details for possible developments including the north side of Saxby Rd (behind Mars and Asfordby Haulage sites). One can only hope that NO developments on these existing flood plains will be allowed.

To the North and West, in addition to the additional water from the MMDR which will probably flow into Thorpe Brook, the North Sustainable Urban Extension (SUE) to the Town will add significantly to the flow, and Thorpe Brook is probably not going to be able to cope with the added water burden given the narrow channel between Tesco and the River Eye.

References:

Melton Borough Council Strategic Flood Risk Assessment, Entec UK Ltd Report 2008.

Melton Borough Strategic Flood Risk Assessment, JBA Consultants 2015.