



### SCRUTINY REVIEW PANEL ON THE PROPOSED DEVELOPMENT OF AN ECO-TOWN

#### COMMENTS SUBMITTED BY THE ENVIRONMENT AGENCY ON 18 SEPTEMBER 2008

**Flood Risk** - *The Environment Agency will be seeking the sustainable long term management of surface water run-off to minimise flood risk on surrounding land, property and local watercourses including the Sence, Thurnby Brook and Washbrook. The EA will be looking in particular for the innovative use of Sustainable Drainage Systems with secure long term management plans.*

**Water Quality** - *The capacity of the existing sewer network and water treatment facilities will need investigating. If there is a shortfall then investment in new infrastructure will need securing prior to development. The quality of surface water will need to be appropriately managed to ensure no detriment to receiving watercourses, waterbodies or groundwater.*

**Water Resources** - *The development will be expected to maximise the use of water harvesting and recycling to minimise the impact on existing water supply mechanisms. In addition the EA would expect to see extensive use of water use minimisation techniques in community, commercial and domestic buildings. The East Midlands is currently identified to have a supply/demand deficit under the East Midlands Water Resource Zone.*

**Waste** - *The development should have a robust waste management plan in place prior to occupation that demonstrates the waste hierarchy of reduce, re-use, recycle. Waste to energy systems should also be considered where appropriate techniques are available.*

**Land Quality** - *There are a number of sites within the proposed development area that will require investigation as to likely contamination. Such sites include the airfield for contaminants from existing and previous uses.*

**BioDiversity** - *Opportunities to maximise BioDiversity on the site should be sought given that the location has been identified as within an area of poor BioDiversity. The linking of Green Infrastructure, Sustainable Drainage systems, private gardens, surrounding agriculture and woodland will establish a robust and sustainable resource.*

**Climate Change** - *The development should be robust and take account of climate change impacts over the long term establishment and use of the Eco Town.*

