Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	D G Allen
Site Address	Barden Farm, Main Road, Smalley, Ilkeston, DE7 6EE
Description of Development	Propose Muck Store and Calving Shed

Part 2: Climate Change Mitigation measures

Please respond to the following questions considering the measures set out in the Climate Change Guidance note:
Q1: What measures have been/will be taken to reduce the energy demand associated with your proposed development beyond the minimum required in Building Regulations? (See section 2)
Roof lights for natural lighting Timber space boarding, roof pitch and open frontage for natural ventilation Located next to the existing buildings where muck is produced to reduce travel Robust long-life materials that require little maintenance have been chosen
Q2: What measures have been/will be taken to limit the carbon consumed through the implementation and construction processes, e.g. by reusing existing on-site materials or sourcing materials locally? (See section 3)
All materials are coming from locally (Stanton at Ilkeston) and local construction firm from Stanton near Ilkeston is being used to reduce travel distances.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

No electric required to the buildings - natural lighting and ventilation
Q4: What measures have been/will be taken to ensure the building design and layout has been optimised to energy efficiency beyond the minimum requirements in Part L of the Building Regulations ? (See section 5)
Open fronted to reduce materials required Roof lights and open fronted to negate the requirement for electric lighting Design ensures sufficient natural ventilation so no electricity required for that purpose
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
Sufficient guttering and downpipes to collect water falling on the roof - collected to water butts to provide drinking water for livestock
Q6: What measures have been/will be taken to reduce water stress associated with your proposed development? (e.g. Water retention and minimisation measures) (See sections 7 and 8)
The water will be collected from the gutter systems into water tanks and used to water the livestock
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
Three swallow cups will be provided inside the building on the roof beams (Swallows are known to nest on the farm)
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)
Buildings right next to existing buildings in farmyard to reduce air pollution from travel - open front facing into existing farmyard, away from residential properties