Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Mr Seamus Tierney
Site Address	36 Campinot Vale, Slaithwaite, HD7 5EY
Description of Development	Proposed single storey side extension

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)
Installing 'smart' energy metering, including displays showing the amount and cost of energy consumed. Ensuring that building service controls such as lighting and gas boiler controls, and management systems are user friendly, efficient, up to date, and complementary. Use energy efficient white goods (rating where possible) (e.g. fridges, washing machines). Providing external space for drying washing naturally. Use of centralised heating system, with individual time and temperature controls to each part of a building or individual rooms.
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)

Retaining and refurbishing existing buildings/features rather than demolishing and rebuilding unless the loss of 'embodied' carbon can be offset by resulting improvements in the energy efficiency of the building. Sourcing materials with a low U-value (a measure of the materials heat loss value). Sourcing materials locally to reduce the need for transport. Selecting materials that have a long life and require little maintenance. Maximising the use of timber from sustainable Forest Stewardship Council (FSC) sources. If other timber is used it should be from a known source with a sustainable purchasing policy. Residential schemes with private gardens should also make provision for home composting units.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
It is not feasable to include for any renewable energy sources on the small extension scheme.
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)
Extra insulation of walls, roofs and floors. Low energy lights and lighting controls to automatically switch off when not needed. Use of roof lights/openings to increase daylight in poorly lit areas.
Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)
The development is not within a flood risk zone, however the client is considering using rainwater harvesting as well as installing permeabler paving where possible.
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)
Taps - Spray and low-flow taps reduce the amount of water used. Self-closing and infrared controlled taps ensure that water cannot be left running. Appliances – Where supplied by the developer, low water use washing machines/dishwashers should be considered. Possible rainwater harvesting.
Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)
Using water retaining mulches and using ground-cover plants can also help to retain moisture in the ground. 2 Setting out plants and lawns as early in spring as possible as less watering is required.
Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

Locally source materials to reduce transport emissions. Installation of mechanical ventilation systems.