

## Climate Change Statement

### Part 1: Applicant details

Name of applicant/agent	Mr A Riaz
Site Address	3 Edgerton Green, Huddersfield, HD1 5RD
Description of Development	Erection of swimming pool annex

### 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)
Energy-efficient LED lighting will be used throughout, and zoning of heating systems will allow spaces to be heated only when required. A pool cover is proposed to significantly reduce heat loss and evaporation when the pool is not in use.
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)
Contractors and materials will be sourced locally, wherever possible. Materials ordered as and when required to reduce waste.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)
An air source heat pump will be used to serve pool heating and space heating as well as solar PV
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)

The proposals will comply with Part L.

Q5: What measures have been/will be taken to reduce potential impacts of flooding associated with your proposed development? (See section 6)

Flood risk does not apply to this application.

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 use of water butts will be encouraged for the proposed development to collect surface water and re-use it to water the garden. The pool filtration system will be specified too.

Q7: What measures have been/will be taken to provide biodiversity net gains? (See section 8)

The existing garden around the annex will be maintained and where possible landscaped with native or wildlife-friendly planting to enhance habitat value within the garden setting.

Q8: What measures have been/will be taken to reduce air pollution associated with your proposed development? (See section 9)

The use of locally sourced materials will be encouraged. Furthermore, a local builder/contractor and site personnel will be used where possible to minimise the overall air pollution from the proposed development.