

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	Ms D Colling
Site Address	52 Knowler Hill, Liversedge WF15 6DT
Description of Development	Proposed two storey side extension to existing dwelling house

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)
Existing rear extension will be covered with new insulated pitched roof, rooflights will be added to increase daylight levels.
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)
Work is proposed as self-build reducing travel distances, materials will be sourced locally wherever possible and waste materials will be used to form fill for rear platform.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

The proposed extension enlarges an existing dwelling but the applicant is in discussion with a PV supplier for possible integration subject to costs.

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 building is existing and orientation is dictated by the plot layout. The extension envelope will be thermally upgraded beyond limiting U-values.

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

The proposed extension has a footprint of 36sqm and replaces an existing garage and hard standing, flood impacts are perceived to be low.

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)

New sanitary installations will be water saving and comply with AD_G

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

Bat and bird roosts integral with the building envelope are proposed to specialist detail

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

An improved thermal envelope should reduce the heating requirement, lessening Nox emissions, the re-use of existing materials will reduce haulage to site etc.