

Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	D & K Wormald. C/O Hill Rise Architecture Ltd
Site Address	Fourways Wolfstones Road Holmfirth HD9 3UU
Description of Development	Erection of extensions, alterations & associated works with installation of package treatment plant.

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)
The proposed alterations will use high levels of insulation. The existing property has had as much fabric retained as possible as part of the project. Where retained, existing fabric is to be externally insulated. Existing ground floors will also be insulated and high performance air membranes will be considered to improve air tightness.
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)
As much of the existing house structure will be retained as possible. This includes areas of external walling and the retention of most of the ground and first floor. Unfortunately due to the incorrect application of spray foam insulation the existing roof needs to be removed.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

Client has been advised to switch to dual fuel renewable tariff. PV panels are also indicatively shown on the rear elevation and will be installed if the client is able to afford to do so.

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 design includes well proportioned opening windows in all habitable spaces to ensure good levels of natural light and ventilation to reduce reliance on artificial light and mechanical ventilation.

All new glazing will be high performance double glazing, with triple glazing recommended to the client.

All lighting fixtures will be low energy LED throughout.

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

There are no known flood risk associated with this property. The property will have a new package treatment plant installed to improve ground water quality.

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)

Proposed kitchen and bathrooms will be fitted with British Standard compliant fittings and high efficiency appliances.

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

Not applicable on this application. The applicant is however keen to retain as much mature planting as possible and is keen to introduce nesting features on site for birds and wildlife. The applicant is also considering installing bee hives on the paddock area of the site to improve local biodiversity.

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

Hand cutting of materials on site will be encouraged rather than high dust power tools where possible. Locally sourced materials where possible to reduce transport emissions.