Appendix A – Climate Change Statement

Climate Change Statement for Planning Applications

Part 1: Applicant details

Name of applicant/agent	applicant - Lee White
Site Address	1, Digley Cottages, Bank Top Lane, Holmbridge, Holmfirth, HD9 2QD
Description of Development	1 storey front extension with apex roof, demolishing existing porch and rebuilding on same foot print, and blocking up rear kitchen door and changing rear window to double doors in kitchen

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 development is a small single-storey extension to the existing dwelling, and consideration will be given to keeping the additional energy demand as low as reasonably possible. The extension will be well insulated and will use energy-efficient glazing. The detailed construction and insulation specification will be confirmed at Building Regulations stage, with the aim of achieving a good level of thermal performance beyond the minimum requirements where practicable. The extension will also benefit from natural daylight, helping to reduce the need for artificial lighting. As the extension is relatively small and forms part of the existing dwelling, the overall increase in energy use is expected to be limited.
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)
The construction works are relatively small in scale, so the amount of materials and associated carbon emissions will be limited. Wherever possible, existing materials on site will be retained and reused rather than unnecessarily removed or replaced. Materials will be carefully ordered to minimise waste, with any suitable surplus materials reused where possible. Waste generated during construction will be separated and recycled where practical, with disposal kept to a minimum. Where possible, materials will be sourced from local or regional suppliers to help reduce transportation distances. The extension will also use durable materials that are appropriate for the existing property, helping to ensure they have a long service life and do not require frequent replacement.
Q3: What measures have been/will be taken to utilise renewable or low carbon energy sources? (See section 4)

The proposed extension is relatively small and does not require any new heating or energy systems of its own. It will make use of the existing services within the dwelling, limiting the need for additional energy infrastructure. At this stage, no specific renewable energy technologies are proposed as part of the extension. However, the design will allow for energy-efficient systems to be considered as part of the detailed design and Building Regulations stage where appropriate. The small scale of the extension also means that the overall additional energy demand will be limited.

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 extension has been designed as a simple and compact addition to the existing dwelling, which helps to keep the amount of additional energy required to heat and light the space to a minimum.

The layout makes good use of the existing building and will benefit from natural daylight through the proposed windows. The extension will be appropriately insulated and fitted with energy-efficient glazing, with the detailed specification to be confirmed at Building Regulations stage.

The design will aim to achieve a level of energy efficiency above the minimum requirements of Part L where reasonably practicable, taking into account the scale and nature of the proposed extension.

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 is small in scale and will not significantly alter the existing drainage arrangements or increase the risk of flooding.

Rainwater from the new roof will be managed through appropriate connections to the existing drainage system where practicable. The proposal will avoid creating unnecessary areas of hardstanding, helping to limit any increase in surface water runoff.

The detailed drainage arrangements will be confirmed as part of the Building Regulations process, with suitable measures incorporated to ensure that surface water is managed effectively and does not adversely affect the property or neighbouring properties.

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 proposed extension is small and will not create any significant additional demand for water. No new bathroom, kitchen or other water-intensive facilities are proposed as part of the extension.

Where appropriate, water-efficient fittings will be used as part of the detailed design, helping to keep water use to a minimum. Rainwater from the new roof will also be managed through the existing drainage arrangements where practicable.

The proposal therefore is not expected to have any significant impact on water demand or contribute materially to water stress.

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

The existing garden and vegetation will be retained wherever possible, with the layout designed to minimise the amount of garden affected by the works.

No unnecessary trees or established planting will be removed. Any areas disturbed during construction will be reinstated where appropriate, and additional planting can be introduced where practical.

Given the small scale of the works, the overall impact on biodiversity is expected to be very limited. The intention is to retain the existing habitat.

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

The works are relatively small in scale, so any impact on local air quality is expected to be minimal.

During construction, dust and other emissions will be kept to a minimum by keeping the site tidy, avoiding unnecessary idling of vehicles and plant, and using appropriate measures to control dust where required. Materials will also be stored carefully to avoid unnecessary dust being created.

Once complete, there will be no significant change to the way the property is used and no new sources of air pollution are expected to result from the development.