Appendix 2 : Summary of applicants supporting information

Air quality impact assessment - This considers the air quality impacts associated with the operation of the boiler unit and flue stack and assesses impacts on nearby sensitive receptors. The assessment considers the impact of emissions from the proposed and existing boiler installation of nitrogen dioxide (NO2) and particulate matter (in the PM10 and PM2.5 fractions). The assessment indicates that in relation to human health impacts: -

- the impacts from the installation are predicted to be of substantial Adverse significance at the 1-bedroom apartment proposed immediately adjacent to the building housing the biomass installation;
- increasing the height of the stack to a minimum 8.0m above ground level is required to ensure that the worst-case impacts are no more than of Moderate Adverse significance;
- the predicted impacts are of Negligible significance in terms of the annual mean and insignificant in terms of the short-term concentrations at all other sensitive receptors considered in the study area, irrespective of stack height;
- the assessment concludes that there is no significant change in the predicted annual mean airborne concentrations at either 5.6m or 8.0m stack heights.

Bat survey – Identified that a single pipistrelle bat returned to a roost site within the ridge of the building. Notes that due to the nature of the bat roost and active use of the boiler room, any disturbance caused by works in this area are likely to be negligible. The report makes general recommendations but advises that a protected species license is not required provided works do not affect the roof of the boiler house.