

We have reviewed the report and have the following comments:

The assessment shows that the permitted development threshold is failed.

Further, reviewing the data used for the assessment we note that the sound power level of the unit is quoted as 58dBA, however the data sheet for the proposed unit shows this figure to be 62dBA, which is of course higher and therefore 'noisier' (for context, a difference of 3dB is an effective doubling of the sound energy as the decibel scale is logarithmic). In addition to this in the data sheet notes it states that the quoted figure is '*Sound pressure level measured at 1m from the unit*', this would suggest that the actual sound power level is significantly higher, making noise impact more significant.

On this basis we do not support the application.

We would recommend that the applicant obtain written clarification from the supplier for the acoustic output of the unit in terms of sound power level, L_w , and spectral output where available, which is proposed to be installed. It should be noted that unless the updated data indicates that the unit is significantly quieter than currently shown acoustic screening will be required to mitigate noise to an acceptable level.