

Dear David

The Sound Planning report *Plant Noise Assessment v1.2* (Reference: J 05713, dated 8th August) has been reviewed.

No distance information has been provided within the report, making it difficult to independently verify the predicted noise levels. A review of Google Maps suggests that the nearest care home bedroom window (as indicated in Appendix 2 of the report) is approximately 6 metres from the AC units.

A simple propagation calculation, assuming two reflective surfaces and excluding any noise character penalty, indicates a specific noise level of around 47 dB(A). This calculation does not account for surface absorption, screening, or other attenuation factors.

It is unclear from the report whether NSR2 has a clear, partial, or no line of sight to the AC units. Furthermore, the noise map in Appendix 7 does not include the nearest care home bedroom window as a receptor.

To address these concerns, the consultant is requested to provide:

1. The exact distance between the nearest care home bedroom window and the AC units.
2. Details of the orientation and whether there is clear line of sight or any screening between NSR2 and the AC units.
3. An updated noise map (Appendix 7) that includes the nearest care home bedroom window as a receptor, with contour lines showing the predicted specific noise level (including the +3 dB penalty for “other sound characteristics” as the noise is likely to be readily distinguishable from local ambient sources).

Kind regards,

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