

Technical Note

Rachel Canham

12 November 2024

NRS Lea Castle Appeal

5342

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Planning Conditions and Noise Limits - Response to Queries

The draft planning conditions relating to noise for the Lea Castle quarry site, prepared by Worcester County Council and taking into account the comments to date by from the Inspector are set out in Appendix A at the end of this Technical Note. The draft conditions apply to both the original and revised scheme.

Following my presentation as an expert witness (noise) at the inquiry on Friday 08 November 2024, some queries have arisen from Worcestershire County Council and the Inspector. These are summarised below:

From Worcestershire County Council (received via email on 08 November 2024):

Following the comment just by Rachel Canham, can you ask her to review the noise conditions, and ask her

Brown Westhead Park Bungalows

WBM has not undertaken any baseline noise measurements in the gardens of the bungalows or houses on Brown Westhead Park, as these are private properties. The baseline noise measurements were undertaken at a publicly accessible location at the entrance to the playing fields approximately 50m from both the nearest houses and nearest bungalows on Brown Westhead Park. Distant road traffic from Wolverley Road was a dominant noise source at this survey location and would also affect the properties. As such, the background level results at this baseline noise survey location are considered representative of these properties. A summary of the various background noise survey results at this location is provided below.

Year	Date	Brown Westhead Park Results dB
		Background $L_{A90,15min}$
2018	27 June	36
	03 July	37, 38
	04 July	34
2023	02 February	46, 47
2024	28 August	40, 41

For information, the background levels measured at the western edge of the playing field in February 2023 and August 2024 were in the range 39-41 dB $L_{A90,15min}$.

A site noise limit of 46 dB $L_{Aeq,1h}$ was suggested for the houses on Brown Westhead Pa(B)2.4 (19.76 95.4 494.88 Tm) [28 A











