Cirencester Construction Noise Monitoring

September 2026

Keepmoat Homes Limited

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Basis of Report

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1.0 Introduction

It is understood that Keepmoat Homes Limited has received noise complaints relating to works at the Steadings development in Cirencester. As part of Keepmoat's commitment to Bathurst Development Limited and Cotswold District Council, a noise monitoring and reporting regime is required.

The requirements include:

- Continuous or periodic noise monitoring during construction activities.
- Installation and maintenance of monitoring equipment.
- Monthly noise monitoring reports issued to Bathurst Development Limited.

To comply with the above, a long-term noise meter was installed at the Site boundary, located near Spratsgate Lane, Cirencester, GL7 6HL. The location of the noise meter can be seen in Figure 1, and a photograph of the installation can be seen in Figure 2.

Figure 1: Meter Location



Figure 2: Photograph of Installation



2.0 Noise Limits

Table 1 shows the noise limit for the monitoring location which has been derived in-line with the ABC Method discussed in BS5228: *Code of practice for noise and vibration control on construction and open sites – Part 1: Noise.*

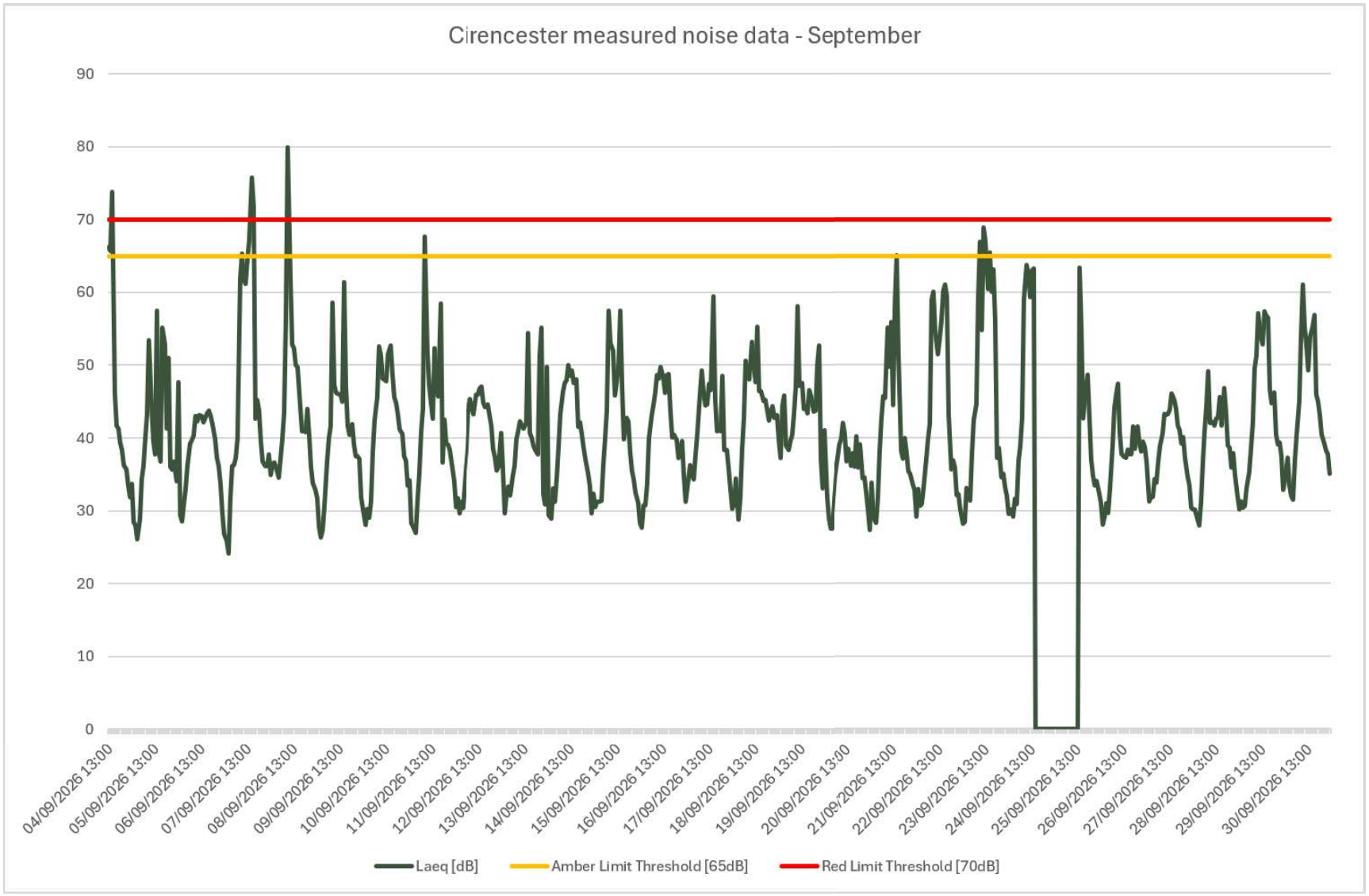
Table 1: Noise Limits

Alert	Noise Limit, $L_{Aeq\ 1\text{-}hour}$
Amber	65
Red	70

3.0 Result September 2026

Figure 3 presents the noise levels recorded at the Site boundary. No monitoring data was recorded between 14:00 on 24 September 2026 and 15:00 on 25 September 2026 due to an equipment malfunction, resulting in the gap in the dataset shown in Figure 3.

Figure 3: Noise Monitoring - September



3.1 Exceedances

The daytime noise limit of 70 dB was exceeded on 3 occasions, two between 15:00-17:00 on 07 September 2026 and one between 10:00-11:00 on 08 September 2026. While no audio recordings were taken, a review of these exceedances indicated that they are likely attributable to on-site construction activities (likely cutting of spine roads) being undertaken in close proximity to the sound level meter.

The Amber noise limit of 65 dB was exceeded 8 times during these periods:

- Between 10:00-11:00 on 07 September 2026
- Between 14:00-15:00 on 07 September 2026
- Between 09:00-10:00 on 11 September 2026
- Between 15:00-16:00 on 21 September 2026
- Between 10:00-11:00 on 23 September 2026
- Between 12:00-14:00 on 23 September 2026 (two exceedances)
- Between 15:00-16:00 on 23 September 2026

A review of these exceedances and associated audio recordings indicated that they are likely attributable to on-site construction activities being undertaken in close proximity to the sound level meter.

Exceedances measured at the beginning of the survey between 13:00-16:00 on 04 September 2026 were not included in this discussion as they were likely to be associated with surveyor activity during the setup of the monitoring equipment, rather than construction activity on the Site.

4.0 Closure

The assessment has required a suitable level of technical ability and has been undertaken by a Suitably Qualified Person (SQP). An individual with all the following credentials has been considered a SQP for this assessment:

- Has a minimum of three years' verifiable experience (within the last five years) of providing noise impact assessments in planning. Such experience has clearly demonstrated a practical understanding of factors affecting acoustics in relation to the proposed development use and in the built environment in general, including acting in an advisory capacity to provide recommendations and design advice in planning, and;
- Holds a recognised acoustic qualification and membership of an appropriate professional body. The primary professional body for acoustics in the UK is the Institute of Acoustics.

This assessment has been led and managed by a SQP as defined above.

Where some elements of the assessment (e.g. measurements) have been carried out by an acoustician who does not meet the requirements above, this has been undertaken with the direct guidance and supervision of a SQP who has reviewed, agreed and overseen the measurement methodology and any results obtained.

The SQP confirms that the relevant measurements and calculations:

- Represent good industry practice in accordance with available guidance.
- Are appropriate given the development being assessed and scope of works proposed.
- Avoid invalid, biased and exaggerated claims.

The checker and author of this document confirm that they both comply with the definition of a SQP defined in this Section.

Regards,

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