

From: Nicholas Edmonston <nicholas@ckaa.co.uk>
Sent: 12 June 2025 11:37:30 UTC+01:00
To: "Rachel Richardson" <rachel.richardson@midsussex.gov.uk>
Cc: "Francesca Winslow" <francesca@prhomesdirect.com>; "Gary Winslow" <Prhomesdirectltd@gmail.com>
Subject: Fwd: Planning Amendments – 1–3 Barclay Court, Haywards Heath RH16 1DB

Hi Rachel

See attached comments re ASHP sound levels.

Kind regards

Nicholas Edmonston

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□

From: jamie@rfenvironmental.co.uk <jamie@rfenvironmental.co.uk>
Sent: Wednesday, June 11, 2025 9:58:28 PM
To: 'Richard Fenton' <richard@rfenvironmental.co.uk>; PR Homes Direct Office <office@prhomesdirect.com>
Cc: Francesca Winslow <francesca@prhomesdirect.com>
Subject: RE: Planning Amendments – 1–3 Barclay Court, Haywards Heath RH16 1DB

Hi Pamela,

Thank you for your email and forwarding over the comments from the Council.
Response below.

Table B1 presents the full dataset and includes $L_{Aeq,15min}$, $L_{A90,15min}$ and the highest single $L_{Amax,F}$ value during the 15-minute measurement period.

The full dataset (as presented in B1 of Appendix B) has been processed for daytime (07:00hrs to 23:00hrs) and night-time periods (23:00hrs to 07:00hrs) and is summarised in Table 4.3 on Page 7. As stated, where it's deemed that the weather conditions may have influenced the measured noise levels, the data has been removed from the analysis presented in the final row of Table 4.3.

The analysis indicates that average $L_{Amax,F}$ values during the night-time period are 10 dB lower than the daytime average $L_{Amax,F}$ values. The average $L_{Aeq,T}$ and

$L_{A90,T}$ values are 9 dB and 8 dB lower during the night-time period than during the day, respectively. This analysis therefore indicates that the noise levels during the night are significantly lower. In addition, the derived night-time background $L_{A90,T}$ sound assessment level of 35 dB is 12 dB lower than the derived daytime background $L_{A90,T}$ sound assessment level of 47 dB. These background $L_{A90,T}$ sound levels form the basis of the assessment.

Figure A12 of Appendix A displays the time history of the measured dataset. Despite periods where it has been identified that the weather may have influenced the dataset, of which has been excluded from the analysis for assessment purposes, the trace is stable during the daytime and night-time periods, and is a typical trace for this kind of area. If there was an unusual sources present, you would expect to see the $L_{A90,T}$ values flatlining or the $L_{A90,T}$ values would be closer to the $L_{Aeq,T}$ or $L_{Amax,F}$ values, which is not seen here.

The results of the noise survey presented in the noise report for planning is also comparable to our analysis, with small differences in the average $L_{Aeq,T}$ daytime and night-time datasets (c.4 dB day and 2 dB night). Average $L_{Amax,F}$ and $L_{A90,T}$ levels are not presented in the report at planning stage.

Despite the periods of adverse weather, the measured dataset and analysis is considered to provide a robust measure of the acoustic environment at the rear of the development, appropriate for deriving background $L_{A90,T}$ sound assessment levels in accordance with BS 4142:2014:+A1:2019.

Do not hesitate to contact us should you have any further questions.

Kind Regards

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