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**ATTN: PETER MELLOWS**

**Darlington Terraces Student Accommodation - Response to Department of Planning Test of Adequacy**

This letter has been prepared in response to the Department of Planning commentary provided for the Darlington Terraces project test of adequacy submission which includes the following:

*Appendix AA Noise Impact Assessment – the unattended long-term noise monitoring used to determine rating background levels does not appear to have been carried out in accordance with the guidance material outlined in the NSW Industrial Noise Policy (INP). Data loggers are required to be placed at the most (or potentially most-affected) noise-sensitive locations (refer Appendix B of the INP). Compliance with this requirement of the INP is consistently being requested by the Environment Protection Authority in its submissions on SSD applications. Unattended data loggers should be positioned at the nearest residential receivers (not owned by the University) and Darlington Public School.*

**ALC Response**

Appendix B of the INP notes the following:

*Site the data logger(s) at the most- (or potentially most-) affected noise-sensitive location(s). If this is impractical, site the logger(s) at locations with a similar acoustical environment. Be careful to choose sites that are truly representative of the noise environment at the noise-sensitive receivers—for example, do not choose positions screened from dominant background noise sources such as road traffic if sensitive receivers are not screened from such sources.*

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- Locating noise loggers at receiver locations was deemed impractical for the following reasons:
  - The noise logger would be located in close proximity to the tenants of the receiver properties. In this regard, tenant noise would likely have impact on the noise monitoring (i.e. television, music, conversational noise).
  - University owned terraces adjacent to the receivers were also occupied and as such these monitoring locations would also be susceptible to tenant noise.
- The terraces used for the monitoring were vacant and as such potential tenant noise impacts on the noise monitor would be non-existent.

Pursuant to the INP, the noise monitoring location was deemed representative of the receiver location given receivers and the monitoring position were:

- significantly screened from noise along City Road,
- experience direct noise from Darlington Road, and
- are exposed to noise from University of Sydney buildings along the Southern boundary.

Whilst the noise monitors were not located directly at receiver locations, the chosen monitoring positions are considered representative of the acoustic environment experienced at receiver locations and as such is acceptable under the INP.

Noise impacts to Darlington School would be assessed against the internal noise requirement of 35dB(A) for 'School Classroom'. On this basis, no monitoring would be required.

We trust this information is satisfactory. Please contact us should you have any further queries.

Yours faithfully,



Acoustic Logic Consultancy Pty Ltd  
James Small