



# Acoustic Survey and Assessment for Proposed Function Tipee at Hawkshaw Farm, Longsight Road, Clayton-le-Dale, BB2 7JA

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Prepared for:

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Additional Information



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## **1. Introduction**

- 1.1. Further to the noise survey and an acoustic assessment report, reference 1615-1, produced by Martin Environmental Solutions and submitted as part of the planning application. The Environmental Health Officer has requested further information and assessment of the impact of the proposed development on properties further away to the southeast of the site off Saccary Lane.

### **Site Location and Context**

- 1.2. The properties off Saccary Lane, Birley Fold Farm, are located 429m away from the proposed develop at the closest point. The topography of the area identifies an increase in height between the proposal and these identified properties of 8m (according to Google Earth).
- 1.3. This note should be read in conjunction with he previous report, in particular in relation to the determined criteria sound levels at receptor properties and the sound levels to be produced at the proposed development.



## **2. Policy and Guidance**

- 2.1 The proposed development will consist of a semi-permanent tpee to be used for functions e.g. weddings. The site will operate predominantly at weekends and shall finish at midnight.
- 2.2 The proposed 'function room' of the Tpee is to be located 429m from the nearest property, to the southeast, off Saccary Lane. Standard distance attenuation calculations show that a distance reduction of 44.7dB will be achieved over this distance.
- 2.3 An open window provides 15dB attenuation<sup>1</sup> and therefore in order to achieve the internal recommended night-time criteria level of 30dB(A) highlighted in the previous report a sound level of no more than 89.7dB(A), 94.7dB(A) for the daytime criteria.
- 2.4 The previous calculations had identified a sound level emission limit 87.3dB(A) during the day and 82.3dB(A) at night had been calculated to ensure no adverse impact on the nearby properties.
- 2.5 The above limit values calculated for Birley Farm are above those calculated for the nearest properties identified in the original report and as such provided that the original levels are achieved no adverse impact will be experienced by those properties off Saccary Lane.
- 2.6 In line with the previous report the inclusion of the bund to the rear of the proposed site and a limiter set at 85dB(A) will ensure that no adverse impact is experienced at any of the surrounding properties.

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<sup>1</sup> BS8233: 2014; Guidance on sound insulation and noise reduction for buildings



### **3 Conclusion**

- 3.1 The calculations show that no adverse impact, will be experienced at the nearby properties to the southeast, off Saccary Lane.
- 3.2 In accordance with the requirements of the National Planning Policy Framework (paragraph 180) the development will not result in a significant adverse impact on any nearby properties.

**Figure 1 – Aerial Photograph**



**Figure 2 – Indicative Site Layout Plan**

