

## **NOISE SUPPORTING STATEMENT**

Address: Donelan Trading Ltd  
Carr Hall  
Whalley Road  
Wiltshire  
BB1 9LJ

Proposal: Electric quad track with support building

Date: 25<sup>th</sup> May 2022

### **1.0 Introduction**

A noise assessment has been completed by Adrian James Acoustics Limited, to compare the noise levels from an electric off-road quad and equivalent diesel-powered quad.

The proposed development is for electric quad bikes, which provide an almost carbon free and ecologically friendly recreational sport, which all manner of people can enjoy in the open air and countryside.

### **2.0 Noise Assessment**

The report concludes that an electric quad is 7dB(A) quieter, than a diesel engine on a gravel track, and 16dB(A) quieter on grass.

The dominant source of the noise from the electric quad was from the tyres on the gravel surface, as the overall engine noise is quiet. On grass the primary source of noise was from intermittent bumps and rattles, and engine noise.

The proposed track surface is the existing topographic surface of the woodland, which is a mixture of gravel and soil. As this will give the quads traction, and support good manoeuvrability.

### **3.0 Noise Impact**

The track is located within the existing woodland, at Carr Hall. The existing woodland provides a natural buffer to the noise level, especially in the spring / summer months when tree coverage will be higher. Most of the existing trees are located to the west, along Whalley Road side of the proposed track. The speed limit of which changes from 30mph to 40mph close to the Carr Hall entrance. This is the dominant source of noise in this area.

Carr Hall is to the south of Whalley Road (A666), a busy road between Langho and Whalley.

The nearest neighbouring property to the proposed track is Strathmore which is approximately 117m to the closest part of the proposed track, and is on the same side of Whalley Road. The

next immediate neighbouring is Carrwood which is located on the opposite side of the road, and approximately 159m to the closest part of the proposed track.

The electric quads will only produce 60dB\* on ground and are at a significant distance from the nearest receptors. Whalley Road (A666) will produce in the region of 70dB(A) on average, depending upon time of day etc. So, any noise from the electric quads over 100m away will not be barely noticeable.

#### **4.0 Conclusion**

The noises levels produce by an electric quad bike are lower, than a diesel-powered engine.

The neighbouring receptors are over 100m away from the proposed track, and the engine and tyre noise will be buffered by the woodland and obliterated by road traffic noise from Whalley Road.

The spectator noise, of people enjoying physical activity in the countryside is a reasonable sound to hear and should not be considered determinantal to neighbouring amenity.

**Bramley-Pate + Partners**  
**Chartered Architects**