

Bray, David (Place)

From: jgleave@rsk.co.uk
Sent: 08 October 2012 16:19
To: Denis.Colgan@staffs Moorlands.gov.uk
Cc: Bray, David (Place)
Subject: TRIM: Three Nooks Farm: Noise Assessment Clarifications
Attachments: Three Nooks Farm - Phase 2 Noise Source Tables.xls

Dear Mr Colgan

Thank you for your email regarding the noise assessment undertaken for the proposed Phase 2 works at Three Nooks Farm, Staffordshire.

I attach for your reference a spreadsheet which expands on the information submitted as part of the planning application; this is extracted from our Cadna-A noise model and sets out our modelling inputs and point sources. The document contains approximate shortest distances between the identified receptors and the proposed plant to be installed at the site.

With regard to your second point, sound power levels taken from our noise model (a combination of line and vertical area sources) are also contained within the attached.

Based on the measurements and data provided for the noise modelling, the dominant frequencies are 125 Hz to 500 Hz for the proposed plant; noise levels are lower either side of these frequencies. Frequencies 31.5 (where data available)/63 Hz to 8000 Hz have been included within the modelling. It is considered that the notable frequencies have therefore been covered, with resultant emission levels at receptors falling within the criteria identified in the noise assessment forming part of the planning application.

I trust this provides the necessary clarification; however please do not hesitate to contact me should you have any other queries or require further information.

Kind regards

Jamie Gleave
Principal EIA Consultant
EIA, Planning & Design

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23/10/2012