



24 Bell Street
Romsey
SO51 8GW

T: 01794 515999
F: 01794 515100
E: info@24acoustics.co.uk

Mr. Stuart Austin
WYG Environment Planning Transport Ltd
Empress House
Empress Road
Lyndhurst
SO43 7AE

By email

Date: 16th December 2010
Reference: R2296-5 Rev 0

Dear Stuart

Re: Econometric Ltd, Farnborough- Noise Impact Assessment

I am writing to provide further clarification relating to the noise impact assessment at the Econometric site at Lynchford Lane, Farnborough.

We have previously advised (24 Acoustics technical letter Reference R2296-4) that your proposals to reduce the extent of the noise barrier fence on the western boundary of the site by 4 m will increase the daytime noise level from operations at the site at the nearest residential properties (1 and 2 Lynchford Lane) by approximately 1 dBA. We have also advised that this increase in noise level will still comply with the requirements of the noise-related planning condition.

Following a request from Hampshire County Council we can confirm that this 1 dBA increase in the daytime noise level from the site will be negligible. It is generally accepted (for noise that is continuous in nature) that a 1 dBA increase in noise level is not perceptible and a 3 dB increase is barely perceptible. We would therefore not expect the residents at the nearest properties to perceive any difference in the noise emission from the site. In addition it must be stressed that the noise level from the site activities will be up to 9 dBA lower than the prevailing average background noise level (which is high due to the influence of noise from road traffic using the A331).

We confirm that our assessment has taken account of all HGV movements on and off the weighbridge and associated activities. The impact of noise from reversing alarms was also taken into account in the revised assessment (detailed in our letter Reference R2296-4) via the application of the BS 4142 + 5 dBA penalty for noise character. The BS 4142 assessment semantic for the operation remains significantly lower than 'marginal significance'.

We conclude by stressing that the proposed changes to the site will not create any significant increased noise impact upon the occupants of the nearest residential properties.

I trust the above is acceptable to you. Should you have any further queries please do not hesitate to contact me.

Yours Sincerely
For 24 Acoustics Ltd

Reuben Peckham BEng MPhil CEng MIOA
Principal Consultant

