

Our Ref: SP/261114

Your Ref:

Date: 26 November 2014

Entran Ltd
12 Greenway Farm
Bath Road
Wick
Bristol
BS30 5RL

Telephone: 0117 937 4077
Email: sunilpatel@entrantld.co.uk

Turley
10 Queen Square
Bristol
BS1 4NT

For the attention of Mr A Williams

Dear Alan,

8-10 Park Way, Havant – APP/14/01039

Thank you for forwarding the observations made by the Environmental Health Officer on behalf of Havant Borough Council. We comment as follows:

- a) As stated in the report (para 5.6), the shielding correction is a conservative estimate. The service yard has a 3m high noise fence separating the yard from the receptor. If Maekawa's noise barrier method is used, an attenuation over 13 dB would result at the ground floor height and 11 dB at first floor height (source to barrier distance 3m; Receptor to barrier distance 4m; barrier height 3m). Therefore the calculated noise levels at the receptor as outlined in the report are an over-estimate.
- b) As outlined in the report, BS4142 not intended for assessing noise impacts arising from a single vehicle manoeuvre; it has been previously agreed (original application) with HBC to include an assessment in accordance with this standard for completeness on assessments of this type. The +5 dB acoustic correction has not been applied to noise from this source, as the dominant source of noise generation is the manoeuvring of the delivery vehicle. This is considered to be consistent with the dominant sources of noise present in the area and not deemed to be an industrial noise source in the typical sense, so is not treated in the same way as noise from an irregular static source, such as a fan extract or AHU. There are no bangs or clicks associated with a delivery vehicle. The unloading takes places within a levelling dock and again, all noise is contained within the store.
- c) The survey for Melksham for specifically tailored to obtain noise source data and hence the reference distance for the measurement was close to the source (as close as health and safety permits). Any extraneous noise was 'paused out'. Even if the source data contained other noise during the 'rush hour', would it not follow that the source noise levels will be higher than otherwise expected and therefore the noise levels calculated at Park Way would be an over-estimate?
- d) In our experience, $L_{Aeq,T}$ parameter is more sensitive to the highest noise event and not the number of times that event occurs and therefore, we always use the 5 minute periods as it accords with the subjective perceptions of the ambient noise climate.

I trust that the above covers all matters in sufficient detail, however please do not hesitate to contact me if you require any further information, otherwise I look forward to speaking with you in due course.

Yours sincerely

Sunil Patel
Technical Director
07875 123425

