

**TO: DEVELOPMENT MANAGEMENT- PLANNING AND
TRANSPORTATION
FROM: ENVIRONMENTAL HEALTH AND TRADING
STANDARDS**



APPLICATION DETAILS

174716 /

Land to the South of Leadon Way, Ledbury
Susannah Burrage, Environmental Health Officer

I have received the above application on which I would be grateful for your advice.
The application form and plans for the above development can be viewed on the Internet within 5-7
working days using the following link: <http://www.herefordshire.gov.uk>

I would be grateful for your advice in respect of the following specific matters: -

<input type="checkbox"/>	Air Quality	<input type="checkbox"/>	Minerals and Waste
<input type="checkbox"/>	Contaminated Land	<input type="checkbox"/>	Petroleum/Explosives
<input type="checkbox"/>	Landfill	<input type="checkbox"/>	Gypsies and Travellers
<input type="checkbox"/>	Noise	<input type="checkbox"/>	Lighting
<input type="checkbox"/>	Other nuisances	<input type="checkbox"/>	Anti Social Behaviour
<input type="checkbox"/>	Licensing Issues	<input type="checkbox"/>	Water Supply
<input type="checkbox"/>	Industrial Pollution	<input type="checkbox"/>	Foul Drainage
<input type="checkbox"/>	Refuse	<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	

Please can you respond by ..

Comments

I refer to the updated noise assessment report dated March 2015 from Wardell Armstrong on behalf of Gladman Developments reference land south of Leadon Way, Ledbury.

The report focusses on noise monitoring at four locations on the site, examining the impact of road traffic and industrial noise. Noise levels found are assessed with reference to BS8233:2014 Guidance on sound insulation and noise reduction for buildings and BS412 Methods for rating and assessing industrial and commercial sound.

Whilst internal design standards can be attained to achieve satisfactory day and night time levels to BS8233:14 with appropriate insulation and ventilation, or in some cases, specific orientation of bedrooms I am concerned that in 3 of the 4 locations monitored there were exceedances for external noise levels in amenity areas as against the desirable standard of 50dB LAeq at locations 1 (western part of site adjacent to Dymock Road), 2 central northern part of the site (adjacent to Leadon Way) and location south western part of the site) 3, all sites abounding major roads such that residential premises further into the site are more likely to be satisfactory.

I am not satisfied that the BS4142 assessment for industrial noise has yet properly examined the characteristics of the noise emanating from the premises at Meadow Cheese. The BS4142 assessment has identified east facing ventilation fans and a stack on the roof of Meadow Cheese on the industrial estate on the other side of Dymock Road without mitigation is likely to result in a significant adverse effect on proposed residential dwellings in daytime but there is little mention of inclusion of an assessment of the signification impact at night time.

We have examined the information supplied with regard to the external measured noise levels at different frequencies as set out in Table 7 of the report. It is noted that at 25 Hz there is noise of a distinctive character/tone which is more than 5dB (10dB in fact) over third octave band frequencies either side of 25Hz.

To establish whether low frequency noise is likely to be an issue or whether it can be mitigated against, it would be helpful if more details could be supplied with reference to Table 8 and Third Octave Band Frequencies 12.5Hz to 160 Hz and predicated internal noise readings. A comparison (graph) is requested which shows external noise levels at low frequencies, compared with the University of Salford's Criterion curve for low frequency noise and proposed mitigated measures with resultant internal noise levels at different frequencies.

The report discusses further mitigation measures and the possibility of bunding or acoustic/close boarded fencing to attenuate some noise from road traffic and the ventilation fans at Meadow and also discussing with the company mitigation measures at source.

It is not possible at this stage to give further comment on the noise assessment as more details with regard to the design and layout of the site are needed, save to say that I do have some real concerns that the potential noise issues arising from the industrial activity Meadow Cheese must be addressed at the outset..

Signed: Susannah Burrage

Date: 13 May 2015