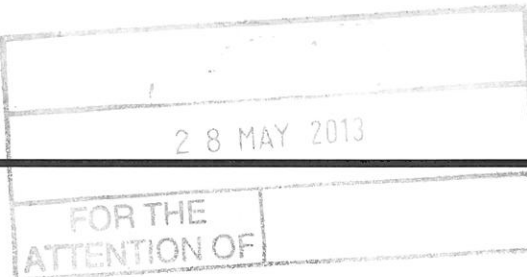


**Stephen Kilmartin**

**From:** James Russell  
**Sent:** 24 May 2013 16:56  
**To:** Stephen Kilmartin  
**Subject:** Pendle Garage Site, Clitheroe Road, Barrow - Ref: 3/2013/0169P



Dear Stephen,

I have considered the Environmental and Intrusive Noise study dated 28 October 2012 in relation to construction of 20 new build semi detached properties;

- Several assumptions been made that noise measured in relation to adjacent industrial units is representative of future use. Please can you confirm any permitted hours of working and permitted usage relating to these units. If no conditions then report requires to be reviewed accordingly;
- Report refers to construction of brick perimeter wall - but details and acoustic protection not qualified and contained within report;
- Also no account given to potential change of use or noise arising from resumed activities within adjacent Horticultural Nursery;
- Report does not appear to have made references to all properties achieving NEC Cat A noise criteria. I would recommend that planning permission should not be appropriate for any development not achieving NEC Cat A.
- Applying a precautionary principle, I would recommend that all properties be required to achieve WHO 30 dB(A) 'good' noise standard in living and bedrooms - by use of 10/12/6 mm glazing units with all being fitted with acoustic trickle vents Type 2
- Under the circumstances I would support your preference for a reversed layout on site with the access road being between housing and the adj Industrial Units

In addition to the above report, I would recommend consideration of the following conditions in relation to this development;

**Control of Noise:**

- This site is to be a significant and longer-term construction site, as such I recommend the following conditions be applied to any approval;
- Construction be undertaken in accordance with BS 5228:2009 Code Of Practice titled 'Noise and Vibration Control on Construction and Open Sites';
- Condition be required for comprehensive Dust & Noise Management Plans for the construction phase; and in particular,
  - Construction hrs to be restricted to Mon-Fri 08.00-18.00, Sat 09.00-13.00 and no construction or noisy activities to be undertaken on Sundays or Bank Holidays.
- A Noise Management Plan should be provided before commencement of construction, to include;
  - details of intended spec on glazing and alternative ventilation to be used - this report contains options,
  - details of acoustic heavy duty perimeter wall/fencing and locations and impact,
  - location of site office, compound and storage which should be located as far away from residential properties as possible as will temporary haul or access roads.
  - wheel wash
  - All construction plant and equipment shall comply with EU noise emission limits including any

generators, compressor pumps shall be super silenced models with if required additional sound insulation provided. In addition all plant when not in use shall be shut down and turned off.

- Contractors shall be obliged to adhere to the Codes of Practice for Construction Work given in BS 5228 regarding minimisation of noise emissions for the development site.
- A named and competent person responsible for the control of noise shall be assigned to the construction site. A telephone number for the public to report any problems shall be posted at a prominent position on the boundary near the entrance
- Furthermore, the mitigation measures to be extended to require no deliveries or vehicles to arrive on site outside stipulated working hours;
- Developer be required to achieve noise rating level for fixed items of plant to be 5dB below existing background levels;
- To protect occupiers of neighbouring buildings from noise, provide and maintain a solid perimeter 'heavy duty' closed boarded/solid panel 2 metre high fence around the site during development.
- **I would recommend that the applicant/noise consultant be required to review and remodel the report with a view to achieving the WHO 'external' standard of 40 dB(A) LAeq** It may be necessary to consider additional acoustic 'heavy duty' closed boarded timber fence be raised on a suitable embankment.
- Outdoor amenity areas as suggested should be placed on the far side of buildings away from noise sources (detailed stage) in addition, heavy duty close boarded acoustic fences should be used on those most at risk to reduce noise levels below 50dB in these areas.

#### **Air Quality:**

- If evidence of dust becoming airborne beyond the site boundary, or in response to complaints, the site/stockpiles/deliveries to be suitably wetted to minimise emissions;
- Cutting of concrete and masonry materials to be carried out with dust suppressed mechanical power tools fitted with either water suppression units or vacuum dust extraction units;
- No waste materials to be burnt on site- strictly no bonfires permitted on site.;

James Russell  
Head of Environmental Health Services  
Tel: 01200 414466  
james.russell@ribblevalley.gov.uk