

**Town and Country Planning Act 1990
Application for Permission to Develop Land**

Response from Pollution & Noise Control

PNC Reference No:	WK/201818554
Name of Planning Officer dealing with the matter:	Matthew Woodward
Application Number:	2018/92934
Proposed Development:	Outline application for erection of residential development
Location:	former Gees Garage, New Hey Road, Outlane, Huddersfield, HD3 3YJ
Date Required By Planning:	

COMMENTS

Revised comments regarding Noise

In our original consultation response dated 4 Oct 2018 we recommended a condition requiring a noise assessment for the site. An Assessment of the Existing Noise Climate Report by Druk Ltd dated 20 Aug 2018 (ref: DRUK/ACC/RS/SHFGGSNHROH/2722.1.v3) has now been submitted.

The report details measurements of existing noise levels at the site and provides recommendations for noise mitigation measures relating to glazing and background ventilation to achieve satisfactory indoor sound levels. The proposed mitigation measures are based on an assumed standard masonry cavity wall construction and that windows are closed and background ventilators are open. The report advises that opening windows will have an adverse impact on the indoor noise levels and notes that because of this alternative provision for ventilation may be required.

The report (at part 7.3) also considers the likely external noise levels at the amenity areas for the plots facing onto New Hey Road. The report appears to give conflicting information regarding this. The second paragraph advises that the rear gardens of plots 25-29 effectively face onto New Hey Road but after that the report considers that the buildings will provide

18dB of attenuation of noise from traffic on New Hey Road and that satisfactory outdoor sound levels will be achieved. However, a similar calculation for the barrier attenuation for traffic noise on the M62, which the report advises is the primary noise source, has not been provided.

The report concludes that with the detailed mitigation measures satisfactory indoor and outdoor sound levels can be achieved. The report does note that the application is an outline application and therefore the site layout may change.

I consider that the report makes a satisfactory assessment of the existing noise from road traffic and I largely agree with the recommendations. However, in the absence of a final site layout the proposed mitigation measures cannot at this stage be precisely specified. Therefore a condition is necessary requiring a detailed noise mitigation scheme to be submitted, once the final site layout is decided.

Recommended Condition (to replace the previously recommended noise related condition)

Before construction work commences a noise mitigation scheme shall be submitted to and approved in writing by the Local Planning Authority. The scheme shall detail the acoustic specification for the building envelope of all plots and any necessary acoustic barriers so that the following sound levels are not exceeded:

30dB $L_{Aeq,8 \text{ hour}}$ inside bedrooms between 23:00 and 07:00
45 dB L_{Amax} inside bedrooms between 23:00 and 07:00
35 dB $L_{Aeq,16 \text{ hour}}$ inside living rooms between 07:00 and 23:00
40 dB $L_{Aeq,16 \text{ hour}}$ inside dining rooms/areas between 07:00 and 23:00 and
55dB $L_{Aeq,16 \text{ hour}}$ at external amenity areas between 07:00 and 23:00

For any rooms where windows need to be kept closed to achieve the above mentioned sound levels, details of alternative means of ventilation will also be required. The alternative ventilation needs to provide at least the same ventilation that would otherwise be achieved by opening windows so that it is sufficient to provide a satisfactory means of controlling thermal comfort by helping to prevent overheating in the room in warm weather.

The approved noise mitigation scheme, including any necessary additional ventilation, shall be implemented before the development is brought into use and retained thereafter.

Date:	12 Oct 2018	Officer:	Richard Hume 01484 221000
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