Kirklees COUNCIL

Consultation Response from: KC Environmental Health (Pollution & Noise Control)		
2024/90556 - 49 Colne Road, Huddersfield, HD1 3AY		
Discharge conditions 4 (Noise Assessment), 9 (Flood Resilience Measures) on previous permission 2021/91205 for change of use and alterations to two dwellings to form (Class E) shop and (sui generis) hot food take-away on ground floor and two first floor single-bedroom flats		
Responding Date: **24 April 2024**	**Responding Officer:** **Mohammed Nasim**	**Responding Ref:** **WK202411594**

Note – These comments relate to Condition 4 (Noise Assessment) ONLY.

Comments

The applicant has submitted a Noise Impact Assessment authored by MZA Acoustics dated February 2024 Ref 1700779-RP-NIA-001. It identifies the numerous items of existing cooling and extraction plant affixed at the rear of surrounding buildings as shown in figure 3 along with the proposed extraction plant and associated duct work affixed to the rear of 51 Colne Road as shown in figure 4. Para 2.2 states the specific equipment is yet to be selected and finalised and the assessment is undertaken to propose a maximum sound level for the external plant required to maintain suitable residential amenity for the approved first floor residential elements of the development, and those nearby existing sensitive premises.

A background noise survey was undertaken from the rear of the premises between 1405hrs on the 30th of January 2024 to 1430hrs on the 2nd of February 2024 with a summary of the findings shown in table 6. Comment is made on the weather conditions with the wind affected data removed. The existing mechanical plant cease to operate from approx. 0230hrs onwards and this is reflected in the histogram in figure C.1.

In order to meet with the requirement of 5dB below measured background levels, an upper limit of 44dB L_{Aeq} is given serving the proposed commercial use. This is on the proviso that the plant procured should be correctly installed to avoid structural transfer of sound and vibration by including antivibration mounts when affixing to the party wall. In order to meet with the internal requirements of BS8233, a minimum specification is given for standard double glazing and an acoustic trickle vent to the rear bedroom.

The report caveats where a plant noise emission of 44dB L_{Aeq} cannot be confidently achieved by the selection of plant with associated silencers and other attenuation means, the available system should be reassessed by a suitably qualified acoustician, and further advice given to the performance rating of glazing and trickle ventilation required to achieve the same outcome at the nearest sensitive receptor.

The findings of the report are accepted.

Recommended Conditions

The findings of the report are accepted but we recommend the condition is not discharged until all of the measures within the Noise Impact Assessment authored by MZA Acoustics dated February 2024 Ref 1700779-RP-NIA-001 are implemented and retained thereafter.