Consultation Response from: KC Environmental Health (Pollution & Noise Control)		
2023/92519 Butchers Arms, 38, Town Gate, Hepworth, Holmfirth, HD9 1TE		
Alterations to extraction system (Within a Conservation Area)		
Date Responded: 9th November 2023	**Responding Officer:** RM, MN	**Responding Ref:** WK/202333299

The Butchers Arms is classed as a traditional pub with a stone floor and open fires, the application seek permission for alterations to the extraction system. We have reviewed the application and supporting information and make the following comments and recommendations.

Odour

An Odour Risk Assessment by Redmore Environmental (ref: 5206-1r1) (dated: 29th September 2023) has been submitted in support of the application. The assessment was undertaken to assess the impact of potential odours caused by food preparation and cooking on sensitive receptor locations. The kitchen is located to the rear of the property and serves a range of food typically associated with pubs, such as fish, pies, steaks and chips.
A risk assessment was undertaken in accordance with EMAQ guidance the "Control of Odour and Noise from Commercial Kitchen Exhaust Systems" 2022. This is based on dispersion, proximity of receptors, size of kitchen and cooking type. The odour risk was scored as 32 and classified as high in accordance with the guidance, and this determines the level of mitigation required for acceptable odour control.

The report concludes that based on the outcome of the odour risk assessment, the proposal is for two dedicated canopies and a plenum unit with integral grease filters. The current external extract grill is to be re-located so that it discharges horizontally via a vent on the south- western façade of the building above first floor level, below the eaves of the building.

Comment

No details have been provided regarding the component parts that will make up the kitchen extract system and in addition to this, no ongoing maintenance programme has been provided. We disagree that in Table 3 the cooking type has been scored as medium with a score of 4, this will ultimately affect the overall risk score and the requirement for a higher level of odour mitigation. In addition, and in accordance with the EMAQ guidance it would be preferable for the extract flue to discharge vertically upwards via a high velocity jet cowl.

We do not accept the Odour Impact Assessment by Redmore Environmental and require further information **before the application is determined**.

Noise

The applicant has submitted a Noise Impact Assessment authored by Professional Consult dated 29 July 2023 Ref 21.156.1.R2. The proposal is to alter the existing kitchen extract and the assessment relies on the supplied noise level data for the extract louvre which benefits from two integrated in-line silencers, positioned between the fan unit and façade-mounted extract louvre. Reference is made at para 4.1.1 that the supplied noise level is 36dB(A) at 5m from the extract louvre.

Para 1.2.2 states the extract system will not operate outside of the food service times currently in operation at site which are -

- Wednesday & Thursday: 12:00 – 15:00 & 18:00 – 20:00
- Friday: 12:00 – 21:00
- Saturday: 12:00 – 21:00 and
- Sunday: 12:00 – 19:00.

A background noise survey was conducted between 1115hrs on the 9th of December until 1130hrs on the 13th of December 2021 covering a full weekday and weekend period and a summary of the findings are shown in table 2.

An assessment of the impact has been conducted using BS4142 methodology. Table 5 shows the calculated noise level at the boundary of the closest residential receptor and after applying a +2dB correction for tonality, it calculates a -1.1dB difference equating to a low impact as shown in table 7.

The findings of the report are accepted.

Recommended Conditions

NC10 Noise from Fixed Plant & Equipment - Condition

The combined noise from any fixed mechanical services and external plant and equipment shall be effectively controlled so that the combined rating level of noise from all such equipment does not exceed the background sound level at any time. 'Rating level' and 'background sound level' are as defined in BS 4142:2014+A1:2019.

Reason: To ensure the proposed development does not cause harmful noise pollution within neighbouring noise sensitive locations, in the interest of amenity, to comply with the aims and objectives of Policies LP24 and LP52 of the Kirklees Local Plan and Chapters 12 and 15 of the National Planning Policy Framework.