

Subject: FW: Response To Application Number DC/23/95930 at GROUND FLOOR, 103 BOURNEMOUTH ROAD, CHANDLER'S FORD, EASTLEIGH, SO53 3AE

Attachments: KR07215 (Chandler's Ford Express) Noise Impact Assessment v1_2.pdf; KR07367 (Chandler's Ford Express) Discharge of Condition 15 v1.3.pdf

Hi Rebecca

Thank you for your reply and I hope you are feeling better now.

Regarding the noise matters on condition 15, please find attached separate background noise survey report as requested. Please also find attached updated noise report and responses below in regard to other queries about the submitted noise report –

- **The assessment of noise from the site does not include vehicles using the car park. C15 refers to 'all premises activity'.**
The submitted noise report has included the following statement at section 1.6 that "The report will not consider the noise from customers cars and delivery vehicles on the public highway as this is outside the scope of British Standard 4142: 2014 + A1: 2019 and the general purpose of condition 15." The car park includes 12-car parking spaces. It is unlikely that cars will travel at more than 10 mph on the site due to the size and layout. The Department for Transport website indicates that Leigh Road has a daily traffic flow of just under 14,000 vehicles with the traffic flow on Bournemouth Road expected to be very similar. The busy traffic levels on Bournemouth Road will far exceed anything that could be produced by the customer vehicles using the car park. Please also note that the noise levels in the car park have been added in section 4.4 of the updated noise report.
- **HGV deliveries are modelled to last for only 15 minutes, is this representative of delivery times?**
The acoustic model has been built up to form a 15-minute period. However, it is assumed that the deliveries will be constant throughout the 1-hour reference time period, hence why no on-time correction has been applied. The following statement was included in section 1.3 at the front of the report that "The report will assume the daytime operations between 07:00 and 23:00 include a continuous 1-hour delivery, the operation of the customer car park and the refrigeration, air conditioning and extract ventilation system operating at maximum capacity assuming an external ambient temperature of 35oC. "
- **The applicant to confirm that the plant and equipment modelled is as will be installed and at locations modelled.**
The report assumes the refrigeration and air conditioning equipment will be installed as per the drawing supplied at 2.2.
- **Is it correct that only the refrigeration systems will be operating at night? 2300-0700 hrs.**
Only the refrigeration systems will operate when the store is closed. This is required to keep the ambient and frozen produce at the correct temperatures. The specific noise level at night time is 15dB and the residual noise level is 41dB, whilst the background noise level is 36dB. It is also noted that a 2.1m acoustic close boarded timber fence with density of 15kg/m2 is added along the eastern boundary.
- **Assessment of noise impacting the garden area is not included, and particularly break out via the fence from the air conditioning units and car park.**
The existing ambient noise levels within the garden are reasonably high due to the traffic noise on Bournemouth and Leigh Road. The proposed acoustic fence will have a minimum surface mass of 20 Kg-m-2 and therefore it is unlikely that any noise from the AC units will pass through the fence. Furthermore, the Daikin AC units have a sound pressure level of 45 dB(A) 1m in front of them at a height of 1.5m which falls well below the criterion usually required for gardens in new homes (BS 8233: 2014).

I trust the above have addressed the noise concerns from consultees.

Looking forward to your reply, and that the conditions can be discharged soon.

Thank you.

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