

Walker, Hazel

From: Swithenbank, Arne
Sent: 14 November 2016 11:48
To: Planning (SMDC)
Subject: FW: smd/2016/0547 Cherry Barn

Please add the following text to web as 'additional information:

Arne,

Please see below the applicant's response to the points raised by Dennis Colgan. Dennis' questions are in bold with the response in italics.

1. Q There seem to be variances in submitted sound levels. The product specification for the Scania indicates 1 x unit causing 73dBA at 7m on page 5 of the product sheet, whereas the noise report indicated 8 units installed in canopies caused SPL of 65dBA at 3m. What are the canopies? There is also mention of a sound proofed unit in the product sheet which has a 35db reduction, is this being used? Can there be some clarification on these points please?

A There are several Generator manufacturers some with similar products and the specifications are changing constantly, The generator of choice if choosing today would be the Himoina with the 400kW Scania Engine as shown in the specifications. This Engine has a standard Canopy which will achieve 73dB as pointed out by Mr Colgan. Instead of the standard canopy we intend to use a Canopy adapted by TAS Limited which will achieve the 65dB at 1m. TAS are a company who specialise in the soundproofing of generators. The later part of this email, after my signature, contains comments between Alan Carter of TAS Limited and Adam Martin from Nova Acoustics of 8th July relevant to this issue. Since then the specification has changed to 6 Generators and not 8.

2. Q The predicted times of use are 16:00 to 19:00, but there is the potential for use between 16:00 to 22:00. Are these times confirmed and would they be conditioned?

A The predicted times of use of the Generator are 1600 and 2200, and whilst unlikely to be used after 1900. These generators are for use in the Capacity Market and their being called upon would represent a genuine requirement for power locally or nationally at peak periods and in the case of emergency. Whilst it is unlikely that the generators would be called into use during unsocial hours there is always the outside possibility. For these reasons the applicant would prefer not to be conditioned to these times. Stoke City Council have approved two much larger applications in the Green Belt and neither have conditions limiting the hours of operation (references 58734 & 59709).

3. Q There is a prediction that the rating level under BS4142:2014 will exceed background sound levels by 1.4db. Will the applicant accept a condition requiring noise impact levels to be restricted to these associated levels?

A The applicant has no objection to a condition that noise levels will not exceed background sound levels by more than 1.4dB

4. Q The site description in the noise report (pg6) indicates 5 diesel generators whereas the application is for 5 bio-fuelled units.

A The Himoina generator with the Scania engine will run on both diesel and bio-diesel but the intention is that the generators would run on bio-fuel. The sound data would not alter.

Kind Regards,
Ken Wainman

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