

From: Amanda Scholes on behalf of Planning.Responses
Sent: 12 November 2020 09:27
To: Planning Scanning
Subject: FW: A/76/20/PL - Dappers Lane, Angmering

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From: Michael Eastham <Michael.Eastham@arun.gov.uk>
Sent: 11 November 2020 17:00
To: Planning.Responses <Planning.Responses@arun.gov.uk>
Subject: FW: A/76/20/PL - Dappers Lane, Angmering

Please upload onto Ocella the email below which is a further consultation response from **Environmental Health** to planning application **A/76/20/PL** relating to Dappers Lane, Angmering.

Thanks,

Michael

Michael Eastham
Principal Planning Officer,
Planning Department

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From: Joanne Lewis <Joanne.Lewis@arun.gov.uk>
Sent: 11 November 2020 11:59
To: Michael Eastham <Michael.Eastham@arun.gov.uk>
Subject: RE: A/76/20/PL - Dappers Lane, Angmering

Hi Michael

I have just had another look at the plans for this development and the existing homes on Garden Close are probably more likely to be affected than the new homes. That being said, I wouldn't think it would be all that likely that the sub station would need to be moved. I would hope that if the equipment used and the housing and insulation were appropriately designed for the situation this would be sufficient to prevent any noise problems. The suggested condition should ensure that there are no problems before first use and if there are I would imagine that these could be resolved by further mitigation.

However if we wanted to be certain we could ask for a BS4142 acoustic assessment to be carried out. This would involve the developer knowing what equipment will be used and the housing to be provided and an acoustician can then take some data and do some calculations to work out noise/vibration levels at given distances. If those levels are not acceptable they can then change the equipment or increase the mitigation until its acceptable. A suitable condition might be something like;

Prior to the first occupancy of the residential premises, details of the plant to be installed in the electrical sub station and the method of control of noise and vibration of this plant shall be submitted to and approved in writing by the Local Planning Authority. The development shall be carried out in accordance with the approved details and retained thereafter. The submitted details shall include a noise assessment, completed by a suitably qualified, independent professional, that addresses the issue of noise (including low frequency noise) and vibration from the station to ensure that there is no adverse effect to the nearest noise sensitive receptor. The rating level of noise emitted from the use of this plant, machinery or equipment shall not exceed the measured background sound level when assessed by a competent acoustician using BS 4142:2014, at any adjoining or nearby noise sensitive premises.

For residential accommodation, the scheme shall ensure that the low frequency noise emitted from the substation is controlled so that it does not exceed the 'Low Frequency Criterion Curve' for the 10 to 160 Hz third octave bands inside residential accommodation as described in the DEFRA funded University of Salford Manchester guidance document entitled 'Procedure for the Assessment of Low Frequency Noise Complaints' (NANR45 Rev.1 – December 2011).

Available from: http://sciencesearch.defra.gov.uk/Document.aspx?Document=10470_NANR45-procedure_rev1_23122011.pdf

The electricity substation equipment shall be maintained in a condition so that it complies with the levels and mitigation measures specified in the approved acoustic report, whenever it is operating. After installation of the approved plant, no new plant shall be used without the written consent of the Local Planning Authority.

Joanne

Please note that I work part time and my working hours are usually 09.30 – 14.45 Tuesday – Friday.

Joanne Lewis

Senior Environmental Health Officer,
Environmental Health

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