

Oliver Hoban

From: Kevan Buck
Sent: 27 March 2024 14:29
To: Development Control
Cc: Sarah Papaleo
Subject: FW: Planning App 4/23/2198/0F1 - Erection of 2 No. SD6 Wind Turbines, The Parks, Park Street, Frizington

Good afternoon all

I would like to slightly amend (outlined in red) the comment and the two suggested noise limit conditions that were contained in the previous email response below to this planning application as follows –

- Guidance provided by the Energy Technology Support Unit (ETSU) in their document **ETSU-R 97**
- Noise from the wind turbines, as measured at **3.5m** from the façade of the nearest noise sensitive.....etc
- Up to 45 dB **LA90 (10 minutes)**

Apologies for the errors above and any inconvenience caused.

Regards

Kevan Buck

Environmental Health Officer - Environmental Health
Public Health & Protection | Cumberland Council
Whitehaven Commercial Park, Moresby Parks, Whitehaven, Cumbria, CA28 8YD

cumberland.gov.uk



From: Kevan Buck
Sent: 02 August 2023 15:23
To: Sarah Papaleo
Subject: Planning App 4/23/2198/0F1 - Erection of 2 No. SD6 Wind Turbines, The Parks, Park Street, Frizington

Good afternoon Sarah

Further to the above planning application.

Environmental Health have considered the possible noise implications of this application.

The nearest noise-sensitive dwelling to the wind turbines is The Parks Cottage and could be potentially affected by noise from the wind turbines in high(er) wind conditions, especially at night. A site visit confirmed that the current occupants of this dwelling are part of the applicant's family group and are supportive of the application however.

Other residential dwellings on Park Street to the west of the site are sufficiently distant as to be likely unaffected by noise from the wind turbines.

As such, the Environmental Health team have no objections to this proposal.

Given that the future ownership of The Parks Cottage could change, and to offer some safeguard against possible noise disturbance, we could consider putting a condition on any approval related to the permissible noise output from the wind turbines.

Guidance provided by the Energy Technology Support Unit (ETSU) in their document ETSUR-97 'The Assessment & Rating of Noise from Wind Turbines' is helpful. For the purposes of the application, the two wind turbines are classed as small wind turbines, having a power rating under 50 kW and a rotor swept area of less than 200 m².

Accordingly, the following condition setting a limit on the noise may be applied:

- Noise from the wind turbines, as measured at 1.5 metres from the façade of the nearest noise-sensitive property, shall not exceed 35 dB LAeq (10 minutes) during daytime hours (07.00 – 23.00) and 40 dB LA90 (10 minutes) at night time hours (23.00 – 07.00) for all wind speeds up to 12 m/s; OR
- Up to 45 dB LAeq (10 minutes) for all wind speeds up to 12 m/s at properties with a valid financial interest.

Reason: To safeguard the amenities of nearby residents.

Regards

Kevan Buck

Environmental Health Officer - Environmental Health

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