

NORTHUMBERLAND

Northumberland County Council

MEMO

To: Colin Godfrey, Northumberland National Parks Planning
From: David Lathan, Senior Environmental Health Officer, Environmental Protection Team.
Date: 2 February 2018
Our Ref: SRU117804
Planning Ref: 18NP0003
Subject: Proposed installation of two domestic wind turbines
Location: "Longsyke Farm",, Haltwhistle, Northumberland

I refer to your consultation dated 16 January 2018 and attachments:-

- Financial Involvement Confirmation (29 January 2018)
- Hoare Lee Noise Assessment ref:
LET-1010122-Britwind-MMC-20180112-Longsyke Farm turbines-1.docx (12 January 2018)

Opinion

In principle this Service is in agreement with this proposal.

Commentary

The applicant is proposing to install two wind turbines at the above location. The applicant has submitted a noise assessment which concludes that the levels will comply with the limits at all but one of the nearest noise sensitive properties.

The single property that cannot comply with the lower limit is owned by the applicants and as they have demonstrated significant financial involvement with the application it is possible to apply a relaxed limit to this location.

Shadow flicker has been previously considered and discounted as an issue for this application.

If members are minded to grant planning permission the following condition are recommended:-

Recommended Conditions

Condition - Turbine Noise Limits:

The noise emitted from the wind turbine, as measured in accordance with the guidelines stated within ETSU-R-97, at the curtilage boundary of any dwelling (as in existence at the time of this permission), with the exception of Longsyke Farm, shall not exceed 35dB(A) $L_{90,10min}$ at wind speeds of up to 10m/s at 10m height. The measurements shall be made in accordance with the methodology detailed in "ETSU-R-97: The Assessment and Rating of Noise from Wind Farms" and the noise emission values for the wind turbines shall include the addition for any tonal penalty as recommended in the same document.

Reason:

In the interests of protecting residential amenity.

Condition - Turbine Noise Limits:

The noise emitted from the wind turbine, as measured in accordance with the guidelines stated within ETSU-R-97, at Longsyke Farm, shall not exceed 45dB(A) $L_{90,10min}$ at wind speeds of up to 10m/s at 10m height. The measurements shall be made in accordance with the methodology detailed in "ETSU-R-97: The Assessment and Rating of Noise from Wind Farms" and the noise emission values for the wind turbines shall include the addition for any tonal penalty as recommended in the same document.

Reason:

In the interests of protecting residential amenity.

Condition - Complaints:

Within 21 days from receipt of a written request from the Local Planning Authority following a written and specified complaint to it alleging noise disturbance at a dwelling, the wind turbine operator shall, at its expense, employ an independent consultant approved by the Council to assess the level of noise emissions from the wind turbine at the complainant's property in accordance with procedures described in "The Assessment and Rating of Noise from Wind Farms, ETSU-R-97" published by ETSU for the Department of Trade and Industry and submit a report on the consultant's findings to the Local Planning Authority. If noise levels are found to exceed those stated in condition xx[1] appropriate mitigation measures shall be included within the report and the measures as approved shall be implemented in accordance with a timescale also approved by the Local Planning Authority..

Reason:

In the interests of protecting residential amenity..

Condition - Wind Data:

Where wind speed is measured at a height other than 10m, the wind speed data shall be converted to 10m height and details of the conversion method used shall be provided to the Local Planning Authority.

Reason:

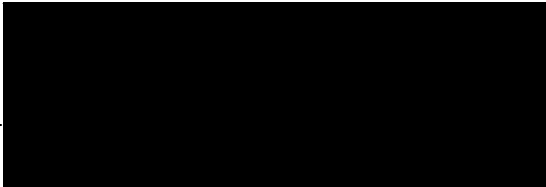
In the interests of protecting residential amenity.

All recommended conditions above should be subject to confirmation by Development Services Legal Team, to ensure they are enforceable.

Informative

The effectiveness of the development's design in ensuring that a nuisance is not created, is the responsibility of the applicant / developer and their professional advisors / consultants. Developers should, therefore, fully appreciate the importance of obtaining competent professional advice.

In all cases, the Council retains its rights under the Section 79 of the Environment Protection Act 1990, in respect of the enforcement of Statutory Nuisance.

	Name	Signature
Prepared by	David Lathan	
Checked by	Wendy Stephenson	