

Your Ref: 22/02241/FUL

Our Ref: 22/05827/PLANAP

Proposal: Installation of renewable energy generating solar farm comprising ground-mounted photovoltaic solar arrays, together with substation, inverter stations, security measures, site access, internal access tracks and other ancillary infrastructure, including landscaping and biodiversity enhancements

Location: Land West Of Shelton Road Shelton Road Thoroton Nottinghamshire

Date: 13th January 2023

Thank you for consulting us on the above planning application. I can advise we have no objections to the proposal on environmental health grounds.

The application is supported by a Planning Statement prepared by Neo Environmental Ltd (dated 30th November 2022) - Volume 1 Planning Reports, Volume 2 Planning Application Drawings and Volume 3 Technical Assessments.

Technical Appendix 8 presents an Outline Construction Environmental Management Plan prepared by Neo Environmental Ltd (dated 25th August 2022) which includes proposed working hours and measures to be put in place to minimise potential noise, vibration and dust during the construction period. Given the scale and nature of the development these measures are considered reasonable. Therefore, in relation to the environmental health related matters we would recommend a condition is attached to any permission granted requiring the construction works to be carried out in accordance with the measures outlined in the Outline Construction Environmental Management Plan.

Technical Appendix 6 includes an Acoustic Impact Assessment prepared by RES (Ref: 04668-4051832; dated 17 May 2022) for the operation of the proposed solar farm. A conservative scenario has been considered whereby it has been assumed all potential sound generating equipment are operating day and night. On this basis, the predicted sound levels fall below the selected internal and external design criteria demonstrating there should be no adverse impact on the amenity of neighbouring residential properties from the operational of the proposed installation. The report provides a suggested planning condition to ensure sound levels at the nearest residential properties do not exceed recommended guidelines and we would have no objection to the imposition of the planning condition:

The facility shall be designed and operated to ensure that the sound level shall not exceed 50 dB LAeq during the day and 45 dB LAeq at night outside the nearest residential properties (as identified in RES report 04668-4051832-01)

We understand it is not the intention to install flood/security lighting at the site as part of the proposed development. Should there be a need to do so in the future we

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would recommend the following condition is attached to any permission granted to ensure there is no adverse impact on nearby properties:

Prior to any external flood/security lighting being brought into first use, a lighting assessment (together with a lux plot of the estimated illuminance) shall be submitted to and approved by the Local Planning Authority. Any such assessment should consider the potential for light spill and/or glare, in accordance with the Institute of Lighting Professionals (ILP) Guidance Note for the Reduction of Obtrusive Light (01/21).

If you have any queries on the above, please do not hesitate to contact me.

Regards

Caroline

Caroline McCaffrey

Senior Environmental Health Officer