

13 November 2019

National Infrastructure Planning
Cleve Hill Solar Farm

BY EMAIL

Deadline 7 – Review of Environmental Statement, Noise and Vibration Chapter

Dear Hefin,

I am writing on behalf of GREAT who recently instructed Able Acoustics to review the Noise and Vibration Chapter of the Applicant's Environmental Statement.

The completed review is attached as Appendix A and we would particularly like to draw the attention of the ExA to the following points:

- **Section 4 - Review**
 - Data not presented (4.1.1 and 4.1.2)
 - Noise assessment results should be read with caution because the language of BS 4142 is clear (4.2.2)
 - In the absence of the presentation of measurement data for the residual sound levels the possibility this may not have been fully considered for other times of day and/or night cannot be overlooked (4.2.3)
 - Potentially factually inaccurate statements about the limitations of the SoundPlan modelling (4.2.7)
 - IEMA Guidelines re Cardio vascular effects that state "it has been shown that long-term exposure to road traffic noise may increase the risk of heart disease, which includes myocardial infarctions. Both road traffic noise and aircraft noise also have been shown to increase the risk of high blood pressure." (4.3.6)
 - The calculations are in places inconsistent (4.4.3)
 - It may be appropriate to consider setting controls in respect of noise from the site either through the Section 61 Consent process or by condition (4.4.4)
 - It is considered the piling calculations should not be relied upon until clarification has been provided (4.4.7)
 - There is no explanation as to why driven piling is proposed for the site in preference to other piling methods for example CFA⁴ drilled piling (4.4.8)

- Decision makers should be made aware that additional hours for start-up and shut down risk being open to abuse and were works activities to start before 07:00 this would constitute night time works. (4.4.9)
 - The calculations make no reference to the use of drilling metal or the use of compressed air tools (4.4.10)
 - The report does not provide any indication of potential cumulative noise levels (4.4.11)
 - Vibration has been reported to have been assessed, but full auditable calculations are not provided (4.6.1)
- **Section 5 - Conclusion**
 - It is further concluded that a decision in respect of noise and vibration, regardless of what that decision may be, should not be made until such time as these elements have been addressed. (5.1.9)

Kind regards,

Marie