Dear Mr Shaikh,

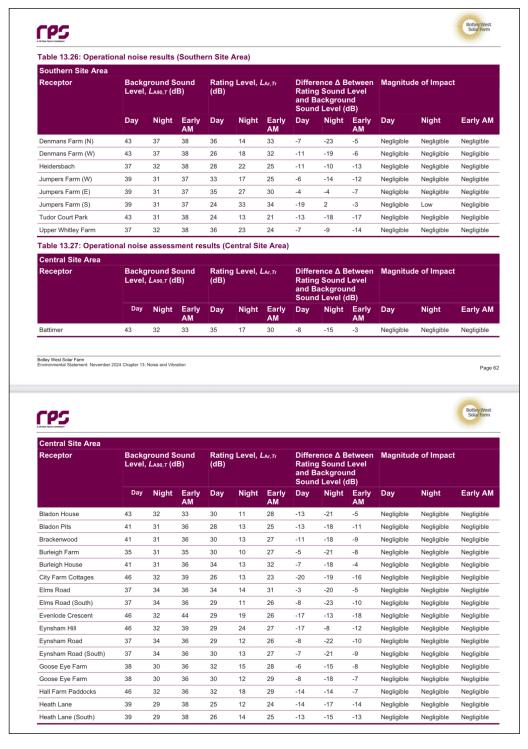
At yesterday's Issue Specific Meeting you kindly invited me to ask 2 questions of the Applicant on Noise. I'm writing now due to concerns I have about the answers given, especially to question 2.

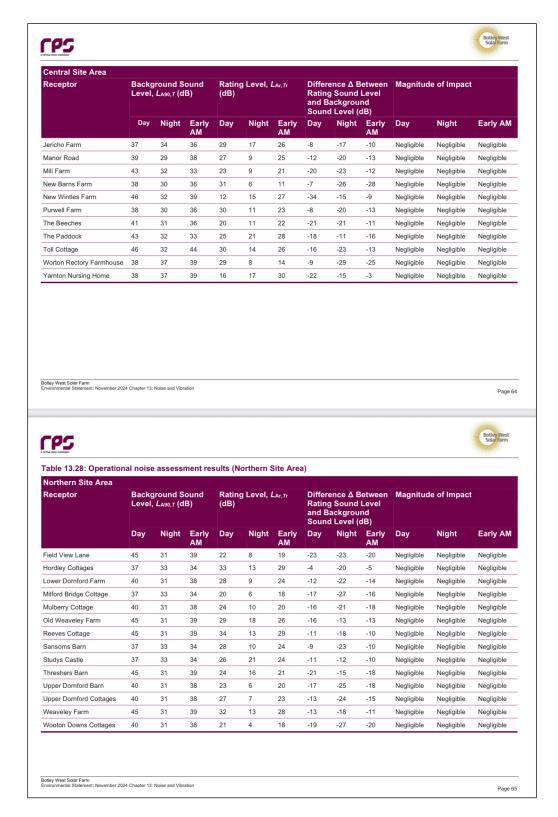
Whilst acknowledging that there was an assessment of noise impact during the operational phase on residential receptors I asked the Applicant to explain:

- 1. How the rather limited number of residential receptors listed in Chapter 13 Noise and Vibration [APP-050] was selected and
- 2. Why there was no similar noise assessment for these receptors during the <u>construction</u> phase of the project

The answer given to (2) was "Noise impact assessment (APP-050) does include an assessment of construction phase noise on residential receptors that is all set out there. It's also expanded in the construction appendix 13.2 which is APP- 212 as well. It is fully considered at all residential receptors".

Having re-checked I can confirm that table 13.6.2 deals with operational phase noise only.





There is no equivalent to table 13.6.2 for Construction Noise in either APP-050, or APP-212.

Incidentally table 13.2.6 omits many sensitive receptors.

Some of the most significant are listed here but many more exist:

- 1. Dornford Cottage, one of the closest and most impacted properties in the Northern Site (different from all the other "Dornford" properties listed)
- 2. Oxford Crematorium, very close to the cable route
- 3. The Oxford School of Drama at Sansom's Farm
- 4. Grove Road, Bladon, several properties adjacent to red line boundary
- 5. Bladon Primary School
- 6. Bladon Churchyard (containing the much visited Churchill's Grave)
- 7. College Farm and other properties on Lower Rd
- 8. Lake View House, Cumnor

The only assessment of potential magnitude of impact during construction is table 13.25 which assesses any receptors <1344m from solar pile driving to be of **high** impact. There are over 5,000 within 1km but **none** of these have been assessed despite this general assessment.

	Magnitude of impact	
13.9.14	The magnitude of the impact at various distances from the boundary of the solar P\ array areas for each of the Northern, Central, and Southern Site Area is presented in Table 13.25: below.	
Table 13.2	:5: Construction noise im	pact assessment – solar pile driving
Potential	Magnitude of impact	Solar pile driving
		Distance d to receptor (m) for magnitude of impact
High		d < 1,344
Medium		1344 ≤ <i>d</i> < 2,113
Low		$2113 \le d < 3,500$
Negligible		d > 3,500
Botley West Solar Environmental Sta	Farm tement: November 2024 Chapter 13: Noise an	nd Vibration Page !
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	Due to the nature of the op across all sections. Morec nature and move across	Page :

The view expressed in para 13.9.16 is repeated in APP-212 Appendix 13.2 in paragraph 1.5.11 "the solar pile driving works would be very transient in nature and would move across each of the installation areas. Thus receptors may be exposed to high noise levels but this would occur only for a short period of time"

No evidence is provided for this statement or consideration of cumulative impact

and in 1.15.3 "if required, noise screens could be installed around the solar pile driver where the installation occurs very close to residential receptors"

but these residential receptors have not been identified or assessed.

I have raised elsewhere the need for a full residential amenity assessment on visual, noise, traffic, Socio-evonomic, health and many other impacts. The consideration of noise impacts on residential amenity is just one of many in areas that have been inadequately addressed.

Thank you Yourse sincerely Rosemary Lewis